

Missouri Vital Statistics 1990

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**State Center
for Health
Statistics**

**MISSOURI
VITAL STATISTICS
1990**

**MISSOURI DEPARTMENT OF HEALTH
DIVISION OF HEALTH RESOURCES
STATE CENTER FOR HEALTH STATISTICS**

**P.O. BOX 570
JEFFERSON CITY
65102-0570**

MISSOURI CENTER FOR HEALTH STATISTICS PUBLICATION NO. 4.37

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BUREAU OF HEALTH DATA ANALYSIS
Wayne F. Schramm, Chief

September 1991

PREFACE

This report presents the final tabulation of statistical data relating to vital events in Missouri during 1990. Data for the year of the report was accepted through April 19, 1991, allowing information reflecting events in 1989 to be as complete as possible.

Missouri Vital Statistics 1990 is published for use in public health and related fields as an aid for studying births, deaths, fetal deaths, marriages, dissolutions, and abortions. Provisional vital statistics data are available through the publication, *Missouri Monthly Vital Statistics*. Unpublished detailed annual vital statistics data are available upon request.

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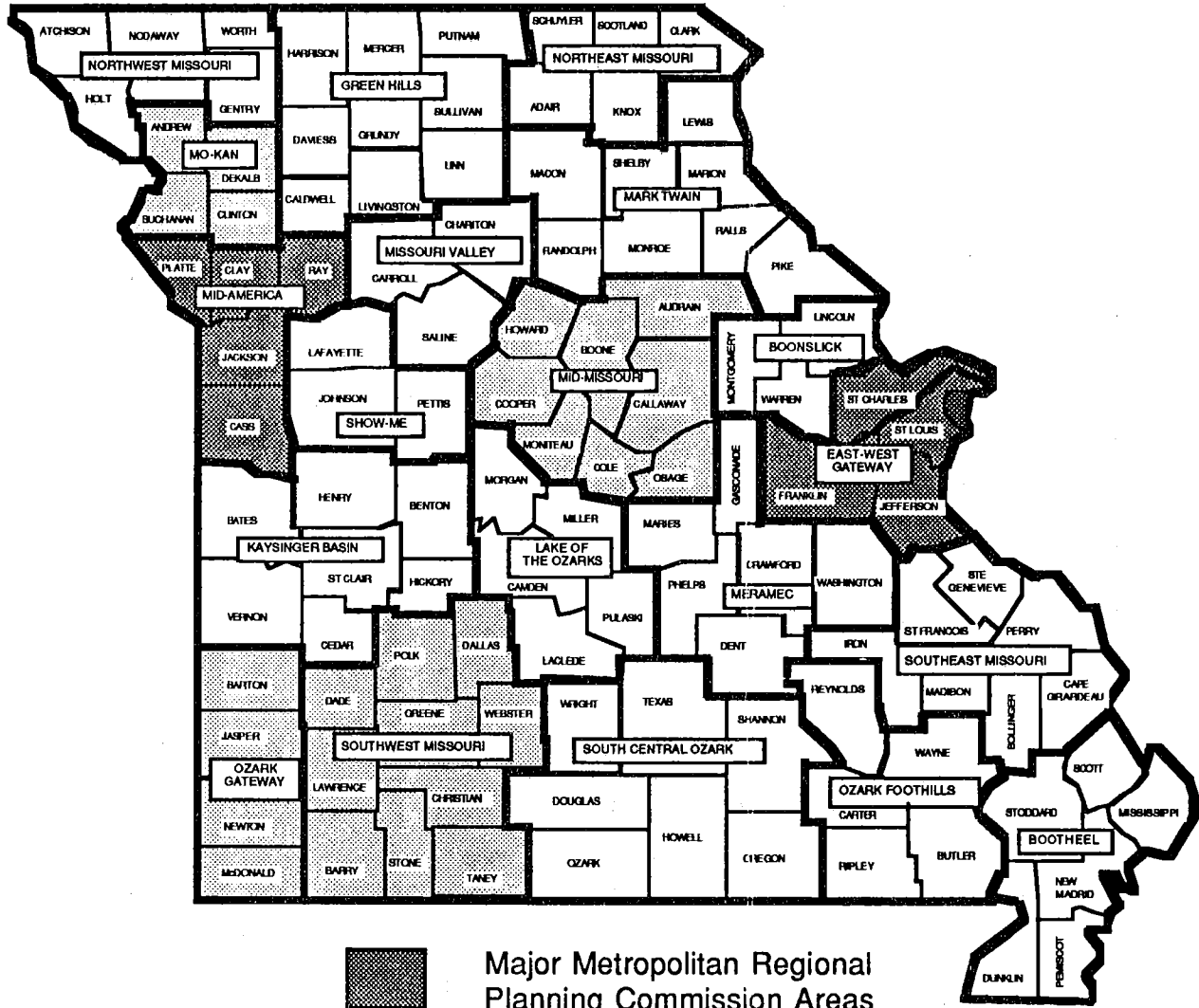
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REGIONAL PLANNING COMMISSION AREAS



Graph A
Live Birth and Death Rates per 1,000 Population
Missouri 1911-1990

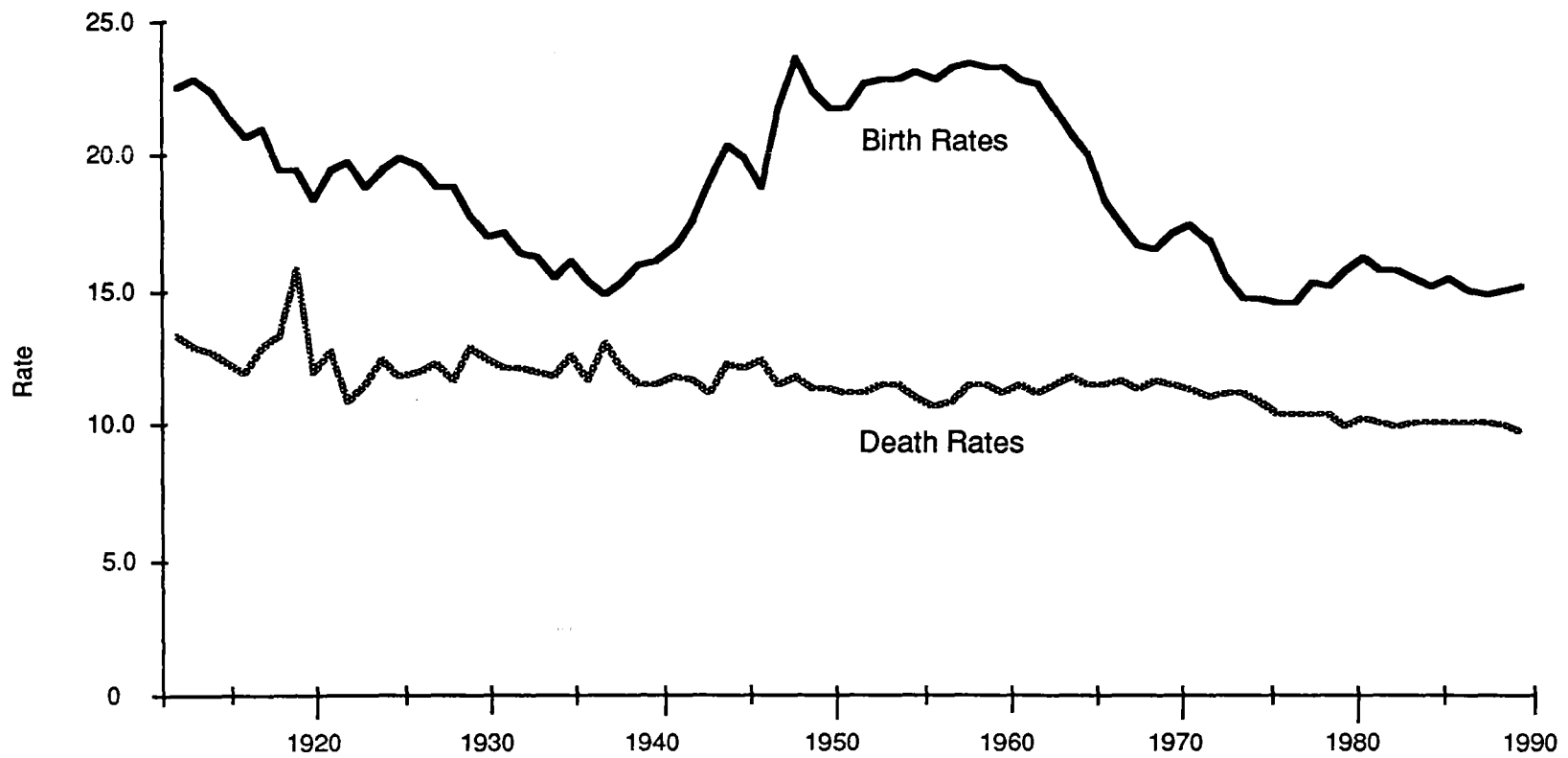


TABLE 1

**POPULATION, RECORDED BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION
AND NATURAL INCREASE: MISSOURI 1911-1944**

Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase	Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase
		Number	Rate	Number	Rate				Number	Rate	Number	Rate	
1911	3,317	74,130	22.3	43,479	13.1	30,651	1928	3,601	63,401	17.6	45,219	12.6	18,182
1912	3,344	75,452	22.6	42,139	12.6	33,313	1929	3,622	60,980	16.8	44,262	12.2	16,718
1913	3,409	75,231	22.1	42,130	12.4	33,101	1930	3,646	62,011	17.0	42,924	11.8	19,087
1914	3,467	73,925	21.3	41,743	12.0	32,182	1931	3,711	60,201	16.2	43,999	11.9	16,202
1915	3,492	71,543	20.5	40,863	11.7	30,680	1932	3,746	59,755	16.0	43,695	11.7	16,060
1916	3,527	73,486	20.8	44,705	12.7	28,781	1933	3,773	57,717	15.3	43,368	11.5	14,349
1917	3,470	67,041	19.3	45,564	13.1	21,477	1934	3,784	60,317	15.9	46,685	12.3	13,632
1918	3,325	64,001	19.2	51,925	15.6	12,076	1935	3,798	57,299	15.1	43,201	11.4	14,098
1919	3,371	61,193	18.2	39,282	11.7	21,911	1936	3,801	55,916	14.7	48,767	12.8	7,149
1920	3,404	65,416	19.2	42,572	12.5	22,844	1937	3,794	57,270	15.1	45,160	11.9	12,110
1921	3,429	66,970	19.5	36,210	10.6	30,760	1938	3,781	59,365	15.7	42,578	11.3	16,787
1922	3,427	64,388	18.7	38,417	11.2	25,971	1939	3,783	59,688	15.8	42,693	11.3	16,995
1923	3,454	66,691	19.3	41,853	12.1	24,838	1940	3,786	62,545	16.5	43,950	11.6	18,595
1924	3,508	68,961	19.7	40,463	11.5	28,498	1941	3,811	66,268	17.4	43,295	11.4	22,973
1925	3,526	68,293	19.4	41,332	11.7	26,961	1942	3,829	72,575	19.0	42,117	11.0	30,458
1926	3,556	66,611	18.7	42,684	12.0	23,927	1943	3,705	74,820	20.2	44,437	12.0	30,383
1927	3,576	66,401	18.6	40,853	11.4	25,548	1944	3,560	69,982	19.7	42,347	11.9	27,635

Sources: 1911-1934 and 1937-1944 Vital Statistics Reports of the Missouri State Board of Health. 1935-1936, Special Reports of the United States Bureau of the Census. Population estimates 1911 to 1944 taken from United States Bureau of the Census Release, Series P-25, No. 139, June 27, 1956.

TABLE 2

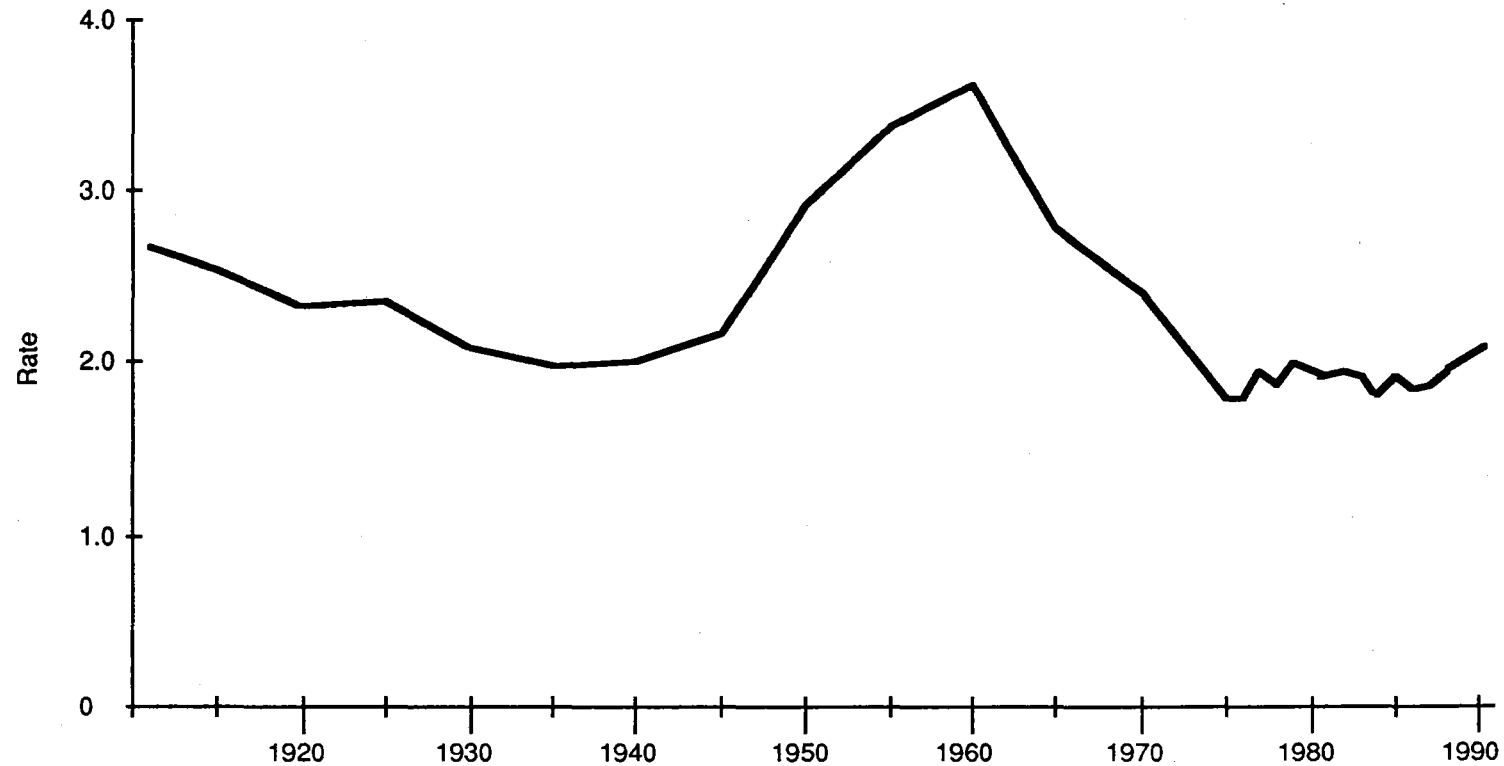
**POPULATION, RECORDED AND RESIDENT BIRTHS AND DEATHS WITH RATES PER 1,000
AND NATURAL INCREASE: MISSOURI 1945-1989**

Year	Estimated Mid-Year Population (Thousands)	Recorded				Resident				Natural Increase
		Births		Deaths		Births		Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1945	3,516	67,693	19.3	42,757	12.2	65,691	18.7	42,496	12.1	23,195
1946	3,746	82,901	22.1	42,640	11.4	80,698	21.5	42,377	11.3	38,321
1947	3,845	92,369	24.0	44,762	11.6	89,902	23.4	44,474	11.6	45,428
1948	3,844	87,005	22.6	42,921	11.2	85,096	22.1	42,753	11.1	42,342
1949	3,955	87,372	22.1	43,995	11.1	85,206	21.5	43,708	11.1	41,498
1950	3,964	87,948	22.2	43,962	11.1	85,704	21.6	43,714	11.0	41,990
1951	4,015	92,664	23.1	44,318	11.0	89,977	22.4	44,051	10.9	45,926
1952	3,972	92,931	23.4	45,245	11.4	90,118	22.7	45,051	11.3	45,067
1953	4,020	94,419	23.5	45,686	11.4	91,447	22.7	45,148	11.2	46,299
1954	4,066	97,278	23.9	44,404	10.9	93,453	23.0	43,835	10.8	49,618

Table 2 (continued)

Year	Estimated Mid-Year Population (Thousands)	Recorded				Resident				Natural Increase
		Births		Deaths		Births		Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1955	4,134	97,591	23.6	43,531	10.5	93,797	22.7	43,000	10.4	50,797
1956	4,163	100,163	24.1	45,003	10.8	96,099	23.1	44,458	10.7	51,641
1957	4,189	101,287	24.2	47,784	11.4	97,161	23.2	47,333	11.3	49,828
1958	4,186	100,729	24.1	47,338	11.3	96,721	23.1	46,729	11.2	49,992
1959	4,258	102,461	24.1	47,099	11.1	98,537	23.1	46,465	10.9	52,072
1960	4,326	101,778	23.5	48,955	11.3	97,723	22.6	48,287	11.2	49,436
1961	4,349	101,462	23.3	47,933	11.0	97,321	22.4	47,303	10.9	50,018
1962	4,357	97,658	22.4	49,685	11.4	93,879	21.5	49,016	11.2	44,863
1963	4,392	93,545	21.3	51,159	11.6	90,363	20.6	50,538	11.5	39,825
1964	4,442	90,918	20.5	50,271	11.3	88,335	19.9	49,617	11.2	38,718
1965	4,467	84,162	18.8	51,101	11.4	81,216	18.2	50,249	11.2	30,967
1966	4,523	80,750	17.9	52,476	11.6	77,946	17.2	51,581	11.4	26,365
1967	4,539	77,940	17.2	51,245	11.3	74,823	16.5	50,544	11.1	24,279
1968	4,568	77,028	16.9	52,834	11.6	74,304	16.3	52,019	11.4	22,285
1969	4,640	81,313	17.5	53,172	11.5	78,396	16.9	52,314	11.3	26,082
1970	4,680	83,787	17.9	52,592	11.2	80,707	17.2	51,743	11.1	28,964
1971	4,723	81,409	17.2	51,810	11.0	78,375	16.6	50,811	10.8	27,564
1972	4,753	75,127	15.8	53,249	11.2	72,597	15.3	52,287	11.0	20,310
1973	4,775	70,808	14.8	53,003	11.1	68,605	14.4	51,812	10.9	16,793
1974	4,785	71,875	15.0	51,656	10.8	69,412	14.5	50,504	10.6	18,908
1975	4,795	70,786	14.8	49,986	10.4	68,442	14.3	48,984	10.2	19,458
1976	4,824	71,319	14.8	50,074	10.4	68,781	14.3	49,008	10.2	19,773
1977	4,845	75,689	15.6	49,839	10.3	72,957	15.1	48,761	10.1	24,196
1978	4,871	75,283	15.5	50,439	10.4	72,654	14.9	49,207	10.1	23,447
1979	4,889	78,562	16.1	48,946	10.0	76,056	15.6	47,656	9.7	28,400
1980	4,917	80,770	16.4	50,504	10.3	78,588	16.0	49,334	10.0	29,254
1981	4,937	78,538	15.9	49,780	10.1	76,758	15.5	48,645	9.9	28,113
1982	4,957	78,334	15.8	49,145	9.9	76,648	15.5	48,126	9.7	28,522
1983	4,977	77,061	15.5	50,540	10.2	75,505	15.2	49,381	9.9	26,124
1984	4,997	76,293	15.3	50,232	10.1	74,422	14.9	48,890	9.8	25,532
1985	5,017	78,760	15.7	51,635	10.3	76,697	15.3	50,098	10.0	26,599
1986	5,037	77,105	15.3	51,350	10.2	75,116	14.9	49,971	9.9	25,145
1987	5,057	76,909	15.2	52,016	10.3	74,830	14.8	50,362	10.0	24,468
1988	5,077	78,331	15.4	52,265	10.3	76,101	15.0	50,619	10.0	25,482
1989	5,097	79,866	15.7	51,679	10.1	77,755	15.3	50,169	9.8	27,586
1990	5,117	81,416	15.9	51,786	10.1	79,135	15.5	50,212	9.8	28,923

Graph B
Total Fertility Rates
Missouri 1911-1990



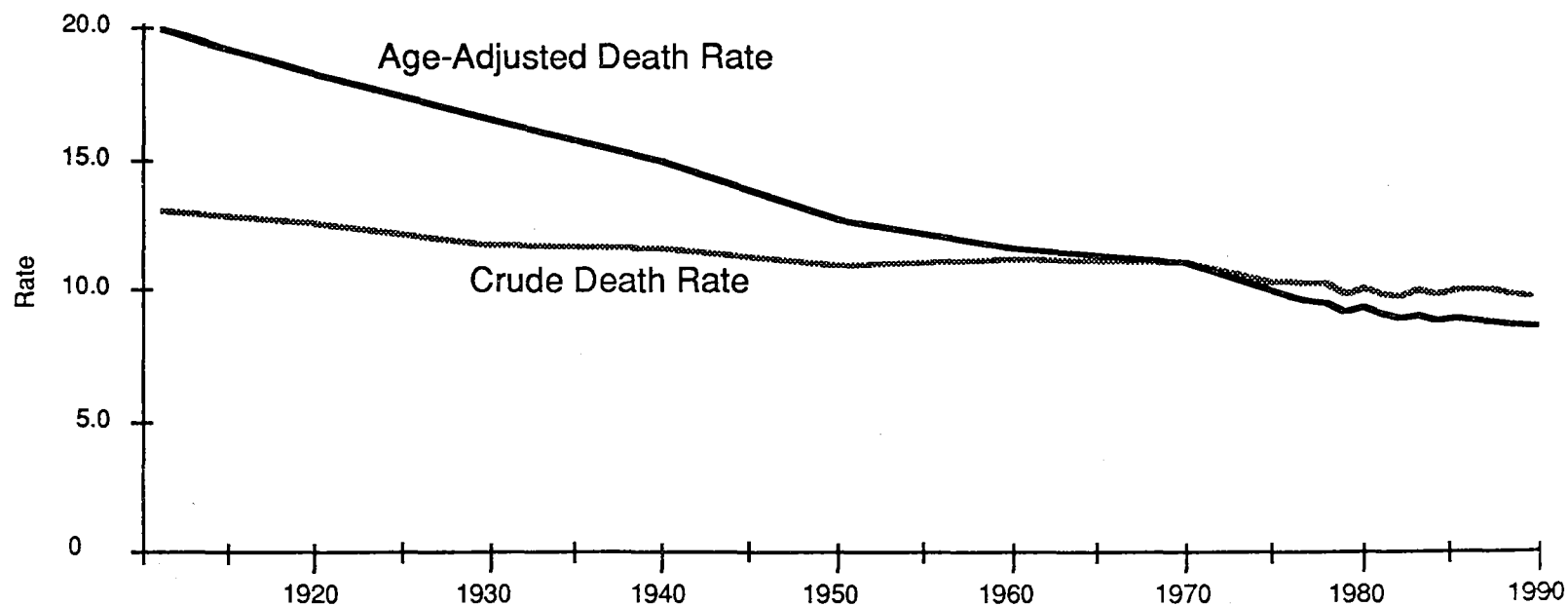
	<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>
1911	2.71	1945	2.16	1976	1.75	1983	1.80
1915	2.55	1950	2.92	1977	1.83	1984	1.77
1920	2.33	1955	3.39	1978	1.80	1985	1.83
1925	2.37	1960	3.63	1979	1.86	1986	1.80
1930	2.09	1965	2.79	1980	1.90	1987	1.80
1935	1.99	1970	2.40	1981	1.84	1988	1.86
1940	2.02	1975	1.76	1982	1.83	1989	1.93
						1990	2.00

TABLE 3

**FERTILITY RATES PER 1,000 FEMALES BY AGE OF MOTHER:
MISSOURI 1911-1990**

	General Fertility Rate	Under 15	Age of Mother								
			Total	15-19		20-24	25-29	30-34	35-39	40-44	45-49
				15-17	18-19						
1911	93.3	0.4	48.8	NA	NA	134.2	133.5	109.6	77.7	33.5	3.8
1915	88.8	0.3	50.4			136.4	126.2	97.5	67.7	27.7	3.2
1920	80.6	0.4	49.6			129.3	113.3	85.0	59.6	25.0	3.0
1925	81.1	0.4	56.7			129.5	120.2	83.8	57.7	22.5	2.4
1930	71.1	0.5	54.1	NA	NA	115.5	103.6	79.8	46.7	18.3	2.0
1935	68.0	0.5	52.5			116.0	96.9	69.3	43.6	16.8	1.6
1940	69.1	0.4	54.5			123.6	104.8	69.8	37.1	13.2	1.4
1945	73.2	0.5	50.2			121.7	114.2	81.4	47.5	14.9	1.2
1950	98.6	0.9	82.6	NA	NA	189.5	153.4	95.2	48.1	14.0	1.0
1955	112.3	0.8	95.3			229.0	174.2	106.9	55.7	15.2	1.0
1960	118.1	0.9	99.0			254.4	187.5	110.5	56.5	16.5	1.0
1965	93.0	0.9	75.1			188.7	146.5	87.1	45.0	13.5	0.8
1970	85.6	1.1	71.8	NA	NA	163.3	137.2	67.7	30.1	8.8	0.5
1971	81.1	1.3	71.3			154.2	122.7	63.6	28.7	7.5	0.3
1972	73.6	1.4	69.5	45.4	108.5	129.6	114.3	57.4	24.8	6.8	0.4
1973	68.3	1.4	63.9	43.4	96.3	117.6	108.0	53.4	21.4	5.5	0.5
1974	67.9	1.4	63.0	42.4	94.5	115.5	108.4	52.6	20.2	5.3	0.3
1975	65.9	1.3	60.0	41.1	89.0	110.1	106.6	51.1	18.8	4.6	0.2
1976	65.0	1.2	56.9	38.1	85.5	108.3	109.7	50.0	18.4	4.5	0.2
1977	68.1	1.2	57.4	38.6	85.9	114.7	114.2	55.6	18.7	4.3	0.2
1978	66.8	1.1	55.6	36.3	83.8	113.7	111.6	55.5	18.0	4.0	0.3
1979	69.2	1.1	57.3	35.9	87.7	119.7	114.9	57.2	17.9	3.7	0.3
1980	70.6	1.2	57.5	35.6	88.0	121.9	116.9	60.5	18.3	3.7	0.2
1981	68.4	1.0	55.1	34.1	82.9	116.6	115.4	58.1	17.4	3.7	0.1
1982	67.6	0.8	54.4	33.5	82.0	114.4	113.5	60.0	19.1	3.6	0.3
1983	66.2	0.9	54.8	33.5	82.6	110.4	109.9	60.8	19.4	3.5	0.2
1984	64.7	0.9	54.4	33.0	83.6	106.6	108.3	61.7	19.3	3.3	0.1
1985	66.2	1.2	54.8	31.9	87.7	112.2	111.1	63.1	20.0	3.2	0.2
1986	64.4	1.0	53.7	31.6	87.5	109.8	107.6	63.7	19.9	3.2	0.1
1987	63.7	1.1	53.0	33.0	83.0	110.9	106.9	63.5	21.5	3.3	0.2
1988	64.9	1.0	56.2	34.4	87.3	112.9	110.4	66.0	22.2	3.7	0.2
1989	66.3	1.1	60.7	37.9	90.4	117.2	112.2	66.5	23.8	3.7	0.1
1990	67.9	1.2	62.9	39.2	93.6	119.2	117.4	70.5	25.2	4.1	0.1

Graph C
Crude and Age-Adjusted Death Rates per 1,000 Population
Missouri 1911-1990



	<i>Crude Rate</i>	<i>Age-Adjusted Rate</i>		<i>Crude Rate</i>	<i>Age-Adjusted Rate</i>		<i>Crude Rate</i>	<i>Age-Adjusted Rate</i>
1911	13.1	20.1	1975	10.3	9.9	1986	9.9	8.6
1920	12.5	18.3	1980	10.0	9.2	1987	10.0	8.5
1930	11.8	16.6	1981	9.9	8.8	1988	10.0	8.4
1940	11.6	15.0	1982	9.7	8.7	1989	9.8	8.3
1950	11.0	12.7	1983	9.9	8.7	1990	9.8	8.2
1960	11.2	11.6	1984	9.8	8.5			
1970	11.1	11.1	1985	10.0	8.7			

TABLE 4

AGE-SPECIFIC DEATH RATES PER 1,000 POPULATION:
MISSOURI 1911-1990

		Age										
	Total*	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
1911	20.1	99.6	12.3	2.7	4.8	6.9	8.8	13.5	24.4	52.4	118.8	247.6
1920	18.3	87.1	10.4	2.8	5.0	7.0	7.9	11.2	21.1	47.0	104.2	249.0
1930	16.6	63.9	5.1	1.8	3.3	4.4	6.4	11.9	22.2	49.5	110.0	190.0
1935	16.0	60.4	4.5	1.5	2.7	3.9	6.2	10.8	21.1	45.7	115.3	190.5
1940	15.0	51.6	3.3	1.0	1.9	2.8	4.9	9.8	20.4	44.8	110.0	207.2
1945	13.6	38.9	1.9	0.9	1.5	2.0	4.1	9.2	18.5	41.7	102.5	198.7
1950	12.7	33.4	1.5	0.6	1.2	1.7	3.4	8.1	18.1	38.9	94.3	210.4
1955	11.3	26.0	1.0	0.5	1.2	1.5	2.9	7.2	15.9	36.1	84.4	188.3
1960	11.6	25.5	1.0	0.4	1.1	1.5	2.9	7.2	16.6	37.1	86.5	201.1
1965	11.4	26.0	1.0	0.4	1.2	1.5	3.1	7.3	16.3	36.4	84.6	194.1
1970	11.1	20.8	0.8	0.4	1.4	1.6	3.2	7.2	16.6	35.8	81.8	181.9
1971	10.7	20.2	0.8	0.4	1.3	1.5	2.9	6.8	15.6	34.2	80.4	181.2
1972	10.9	18.3	0.8	0.4	1.3	1.5	2.9	7.2	15.7	35.5	82.0	183.2
1973	10.7	17.8	0.8	0.4	1.3	1.5	2.9	6.9	16.0	34.2	79.8	178.9
1974	10.3	16.9	0.7	0.4	1.2	1.4	2.7	6.7	15.2	33.3	76.1	180.5
1975	9.9	16.4	0.6	0.3	1.2	1.4	2.6	6.5	14.6	32.4	71.9	170.6
1976	9.7	15.3	0.7	0.4	1.3	1.4	2.5	6.2	14.5	31.7	70.0	170.6
1977	9.5	14.2	0.7	0.4	1.2	1.3	2.4	6.3	13.9	31.8	69.3	161.5
1978	9.4	14.8	0.8	0.3	1.2	1.4	2.4	6.0	14.1	30.8	68.3	165.1
1979	9.0	13.7	0.6	0.3	1.3	1.3	2.2	5.7	13.2	30.2	64.9	157.3
1980	9.2	12.3	0.7	0.3	1.3	1.3	2.2	5.8	13.4	30.5	67.1	162.4
1981	8.8	12.7	0.5	0.3	1.0	1.3	2.2	5.6	13.5	29.1	64.5	160.6
1982	8.7	11.7	0.6	0.3	1.1	1.2	2.0	5.2	13.1	29.1	63.6	152.0
1983	8.7	10.7	0.5	0.3	0.9	1.2	1.9	5.3	13.4	28.8	64.8	160.6
1984	8.5	10.3	0.5	0.3	1.0	1.1	1.9	5.3	12.8	28.8	63.1	157.0
1985	8.7	10.2	0.5	0.2	1.0	1.1	1.8	5.0	13.3	28.5	64.8	162.1
1986	8.6	10.6	0.5	0.3	1.1	1.3	1.9	4.8	12.5	28.8	63.1	158.9
1987	8.5	10.2	0.5	0.3	1.0	1.2	1.9	4.7	12.6	28.6	62.9	160.9
1988	8.4	10.1	0.6	0.2	1.0	1.2	1.9	4.7	12.6	27.6	64.2	159.8
1989	8.3	9.9	0.5	0.3	1.1	1.3	2.0	4.4	12.4	26.9	62.5	157.4
1990	8.2	9.4	0.5	0.3	1.1	1.3	2.0	4.5	12.5	26.7	60.9	152.1

*Age-Adjusted Death Rate

TABLE 5A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER: MISSOURI 1990

	ALL RACES 79,135	WHITE 64,438	BLACK 13,535	OTHER 1,056		ALL RACES	WHITE	BLACK	OTHER
TOTAL					ALCOHOLIC DRINKS PER WEEK				
SEX					NONE	76,578	62,429	13,042	1,032
MALE	40,409	32,988	6,814	554	LESS THAN 7	1,855	1,498	346	7
FEMALE	38,726	31,450	6,721	502	7 OR MORE	82	38	43	1
MOTHER HISPANIC	946	882	17	40	DRANK UNKNOWN AMOUNT	209	168	38	3
					UNKNOWN DRINKING STATUS	411	305	66	13
ATTENDANT					CIGARETTES SMOKED PER DAY DURING PREGNANCY				
M.D.	70,120	56,338	12,695	945	NONE	59,208	47,667	10,555	922
D.O.	8,499	7,563	827	99	LESS THAN 10	4,581	3,335	1,202	39
CERT NURSE MIDWIFE	118	110	0	8	10-19	7,424	6,289	1,081	51
OTHER MIDWIFE	205	202	0	1	20 OR MORE	7,243	6,616	593	28
OTHER	193	175	13	3	SMOKED UNKNOWN AMOUNT	292	248	39	3
PLACE OF BIRTH					UNKNOWN SMOKING STATUS	387	283	65	13
HOSPITAL	78,470	63,885	13,432	1,051	YEARS AT PRESENT ADDRESS				
BIRTHING CENTER	82	82	0	0	LESS THAN 1	17,271	13,428	3,518	305
CLINIC	16	15	0	1	1-4	42,055	35,812	5,624	569
HOME RESIDENCE	486	389	90	3	5-9	9,644	8,149	1,391	88
PLANNED	325	311	9	3	10 OR MORE	6,771	4,197	2,536	28
UNPLANNED	107	53	53	0	UNKNOWN	3,394	2,852	466	66
OTHER	81	67	13	1	MATERNAL TRANSFERS				
MONTH OF BIRTH					FROM ANOTHER HOSPITAL	814	623	171	18
JANUARY	6,341	5,106	1,148	84	DOCTORS OFFICE, OTHER	1,611	887	683	37
FEBRUARY	5,892	4,779	1,015	91	NO TRANSFER	75,585	61,931	12,580	981
MARCH	6,740	5,485	1,146	99	UNKNOWN	1,125	997	101	20
APRIL	6,292	5,198	1,007	77	INFANT TRANSFER				
MAY	6,759	5,578	1,098	73	YES	1,189	905	267	15
JUNE	6,613	5,389	1,128	88	NO	76,822	62,538	13,166	1,021
JULY	7,157	5,863	1,183	103	UNKNOWN	1,124	995	102	20
AUGUST	7,207	5,866	1,243	87	MATERNAL WEIGHT GAIN DURING PREGNANCY (LBS.)				
SEPTEMBER	6,826	5,526	1,181	109	LESS THAN 10	2,173	1,624	526	23
OCTOBER	6,786	5,523	1,162	86	10-19	8,062	6,146	1,808	102
NOVEMBER	6,213	5,038	1,098	73	20-29	22,749	18,587	3,807	336
DECEMBER	6,309	5,087	1,126	86	30-39	24,155	20,415	3,383	331
NUMBER BORN					40 OR MORE	19,486	15,949	3,315	196
SINGLETON	77,202	62,921	13,133	1,044	UNKNOWN	2,510	1,717	696	68
TWIN	1,878	1,471	393	12	CROWN HEEL LENGTH (CM.)				
TRIPLET	51	42	9	0	LESS THAN 40	690	423	254	7
QUAD. OR MORE	4	4	0	0	40-46	4,584	3,120	1,415	42
PREV. TERMINATIONS					47-50	34,784	27,312	6,946	478
NONE	60,051	49,255	9,912	814	51 OR MORE	36,035	31,013	4,506	478
1	13,635	10,941	2,516	162	UNKNOWN	3,042	2,570	414	51
2 OR MORE	5,414	4,223	1,100	79					
UNKNOWN	35	19	7	1					

TABLE 5B RESIDENT LIVE BIRTHS BY SELECTED OBSTETRIC AND PEDIATRIC CONDITIONS AND PROCEDURES: MISSOURI 1990

	NUMBER	PERCENT		NUMBER	PERCENT
TOTAL LIVE BIRTHS	79,135	100.0	METHOD OF DELIVERY		
MEDICAL RISK FACTORS			VAGINAL	56,090	70.9
TOTAL ONE OR MORE	15,404	19.5	VAGINAL AFTER CESAREAN SECTION	1,780	2.2
ANEMIA	1,241	1.6	PRIMARY ELEC. CESAREAN SECTION	4,343	5.5
CARDIAC DISEASE	223	.3	PRIMARY EMERG. CESAREAN SECTION	7,267	9.2
ACUTE/CHRONIC LUNG DISEASE	353	.4	REPEAT CESAREAN SECTION	6,718	8.5
DIABETES (INSULIN DEP.)	298	.4	OUTLET/LOW FORCEPS	4,788	6.1
DIABETES (NON-INSULIN DEP.)	1,336	1.7	MID/HIGH FORCEPS	208	.3
GENITAL HERPES	707	.9	VACUUM EXTRACTION	5,249	6.6
HYDRAMNIOS/OLIGOHYDRAMNIOS	598	.8			
HEMOGLOBINOPATHY	72	.1	ABNORMAL CONDITIONS NEWBORN		
			TOTAL ONE OR MORE	4,049	5.1
HYPERTENSION, CHRONIC	586	.7	ANEMIA	58	.1
HYPERTENSION, PREG. INDUCED	2,862	3.6	BIRTH INJURY	155	.2
ECLAMPSIA	112	.1	FETAL ALCOHOL SYNDROME	8	.0
INCOMPETENT CERVIX	243	.3	HYALINE MEMBRANE (RDS)	642	.8
PREV. INFANT 4000+ GMS.	965	1.2	MECONIUM ASPIRATION	155	.2
PREV. PRETERM/SGA	1,089	1.4	ASSISTED VENT. (LT 30 MINS.)	798	1.0
RENAL DISEASE	95	.1	ASSISTED VENT. (30+ MINS.)	716	.9
RH SENSITIZATION	344	.4	SEIZURES	59	.1
UTERINE BLEEDING	575	.7	OTHER	2,206	2.8
OTHER	6,225	7.9			
OBSTETRIC PROCEDURES			CONGENITAL ANOMALIES		
TOTAL ONE OR MORE	75,084	94.9	TOTAL ONE OR MORE	1,093	1.4
AMNIOCENTESIS	2,124	2.7	ANENCEPHALUS	6	.0
ELECTRONIC FETAL MONITORING	68,307	86.3	SPINA BIFIDA/MENINGOCELE	32	.0
INDUCTION OF LABOR	9,871	12.5	HYDROCEPHALUS	23	.0
STIMULATION OF LABOR	11,126	14.1	MICROCEPHALUS	9	.0
TOCOLYSIS	1,512	1.9	OTHER CNS ANOMALIES	15	.0
ULTRASOUND	55,273	69.8	HEART MALFORMATION	127	.2
CHORIONIC VILLUS SAMPLING	235	.3	OTHER CIRC/RESP. ANOMALIES	68	.1
OTHER	1,491	1.9			
COMPLICATIONS OF LABOR/DEL.			RECTAL ATRESIA/STENOSIS	21	.0
TOTAL ONE OR MORE	28,539	36.1	TRACHEO-ESOPHAGEAL FISTULA		
FEBRILE	1,139	1.4	ESOPHAGEAL ATRESIA	12	.0
MECONIUM, MODERATE/HEAVY	5,253	6.6	OMPHALOCELE/GASTROSCHISIS	43	.1
PREMATURE RUPT. MEMB. (>12 HRS.)	2,827	3.6	OTHER GASTROINTESTINAL ANOMALIES	30	.0
ABRUPTIO PLACENTA	590	.7	MALFORMED GENITALIA	125	.2
PLACENTA PREVIA	302	.4	RENAL AGENESIS	11	.0
OTHER EXCESSIVE BLEEDING	399	.5	OTHER UROGENITAL ANOMALIES	125	.2
SEIZURES DURING LABOR	22	.0			
PRECIPITOUS LABOR (>3 HRS.)	1,675	2.1	CLEFT LIP/PALATE	93	.1
			POLYDACTYLY/SYNDACTYLY/ADACTYLY	90	.1
PROLONGED LABOR (>20 HRS.)	896	1.1	CLUB FOOT	61	.1
DYSFUNCTIONAL LABOR	2,987	3.8	DIAPHRAGMATIC HERNIA	14	.0
BREECH	3,147	4.0	OTHER MUSCULOSKELETAL/INTEGUMENTAL	213	.3
OTHER MALPRESENTATION	1,698	2.1	DOWN SYNDROME	47	.1
CEPHALOPELVIC DISPROPORTION	3,719	4.7	OTHER CHROMOSOMAL ANOMALIES	33	.0
CORD PROLAPSE	199	.3	OTHER	56	.1
ANESTHETIC COMPLICATIONS	39	.0			
FETAL DISTRESS	5,123	6.5			
OTHER	7,126	9.0			

TABLE 6 RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER: MISSOURI 1990

RACE OF MOTHER AGE OF MOTHER	ALL LIVE BIRTHS LIVE BIRTH ORDER						OUT-OF-WEDLOCK LIVE BIRTHS LIVE BIRTH ORDER					
	TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE	TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE
ALL RACES												
ALL AGES	79,135	32,159	26,060	13,325	4,780	2,811	22,597	11,072	5,577	3,329	1,511	1,108
UNDER 15	209	204	5	0	0	0	205	200	5	0	0	0
15-17	3,932	3,407	464	57	4	0	3,227	2,805	375	43	4	0
18-19	7,277	5,143	1,639	420	61	14	4,598	3,215	1,023	297	53	10
20-24	21,622	9,896	7,342	3,167	888	329	7,900	3,334	2,335	1,451	544	236
25-29	24,878	8,849	9,215	4,485	1,550	779	4,062	1,038	1,199	919	522	384
30-34	15,443	3,641	5,707	3,771	1,467	857	1,844	342	489	444	269	300
35-39	5,002	902	1,529	1,250	689	632	650	122	138	147	98	145
40-44	717	95	150	165	115	192	100	12	12	25	20	31
45-49	20	2	2	5	3	8	3	0	0	1	0	2
UNKNOWN	35	20	7	5	3	0	8	4	1	2	1	0
WHITE												
ALL AGES	64,438	26,708	21,875	10,656	3,484	1,715	12,082	6,869	2,824	1,529	573	287
UNDER 15	81	80	1	0	0	0	77	76	1	0	0	0
15-17	2,356	2,155	179	22	0	0	1,681	1,578	94	9	0	0
18-19	5,244	3,990	1,044	193	11	6	2,700	2,137	472	82	7	2
20-24	16,854	8,291	5,862	2,149	446	106	4,176	2,087	1,247	642	158	42
25-29	21,439	7,979	8,179	3,733	1,127	421	2,115	664	670	469	214	98
30-34	13,485	3,313	5,113	3,303	1,211	545	940	233	268	222	134	83
35-39	4,334	804	1,357	1,100	589	464	335	84	65	87	49	50
40-44	608	83	137	147	94	147	53	9	7	16	10	11
45-49	16	2	0	5	3	6	2	0	0	1	0	1
UNKNOWN	21	11	3	4	3	0	3	1	0	1	1	0
BLACK												
ALL AGES	13,535	4,920	3,811	2,501	1,239	1,064	10,291	4,080	2,701	1,768	928	814
UNDER 15	125	121	4	0	0	0	125	121	4	0	0	0
15-17	1,543	1,223	281	35	4	0	1,522	1,206	278	34	4	0
18-19	1,963	1,103	579	223	50	8	1,847	1,039	541	213	46	8
20-24	4,503	1,466	1,389	990	435	223	3,649	1,209	1,069	794	383	194
25-29	3,057	676	926	703	400	352	1,917	364	519	445	303	286
30-34	1,682	246	485	408	242	301	882	102	217	216	134	213
35-39	562	75	137	125	89	136	301	36	69	56	48	92
40-44	95	8	10	16	19	42	45	2	4	9	10	20
45-49	2	0	0	0	0	2	1	0	0	0	0	1
UNKNOWN	3	2	0	1	0	0	2	1	0	1	0	0

TABLE 7

TEEN-AGE RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER
WITH PERCENTAGES: MISSOURI 1990

RACE OF MOTHER AGE OF MOTHER	ALL LIVE BIRTHS LIVE BIRTH ORDER				OUT-OF-WEDLOCK LIVE BIRTHS LIVE BIRTH ORDER				PERCENT OUT-OF-WEDLOCK LIVE BIRTH ORDER			
	TOTAL	1ST	2ND	3RD OR MORE	TOTAL	1ST	2ND	3RD OR MORE	TOTAL	1ST	2ND	3RD OR MORE
ALL RACES												
10-19	11,418	8,754	2,108	556	8,030	6,220	1,403	407	70.3	71.1	66.6	73.2
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	1	1	0	0	1	1	0	0	100.0	100.0	---	---
13	39	37	2	0	38	36	2	0	97.4	97.3	100.0	---
14	169	166	3	0	166	163	3	0	98.2	98.2	100.0	---
15	566	530	34	2	521	487	32	2	92.0	91.9	94.1	100.0
16	1,160	1,042	106	12	981	881	89	11	84.6	84.5	84.0	91.7
17	2,206	1,835	324	47	1,725	1,437	254	34	78.2	78.3	78.4	72.3
18	3,199	2,362	655	182	2,169	1,594	443	132	67.8	67.5	67.6	72.5
19	4,078	2,781	984	313	2,429	1,621	580	228	59.6	58.3	58.9	72.8
WHITE												
10-19	7,681	6,225	1,224	232	4,458	3,791	567	100	58.0	60.9	46.3	43.1
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	10	10	0	0	9	9	0	0	90.0	90.0	---	---
14	71	70	1	0	68	67	1	0	95.8	95.7	100.0	---
15	263	259	4	0	220	218	2	0	83.7	84.2	50.0	---
16	632	594	35	3	464	442	20	2	73.4	74.4	57.1	66.7
17	1,461	1,302	140	19	997	918	72	7	68.2	70.5	51.4	36.8
18	2,256	1,798	390	68	1,276	1,057	195	24	56.6	58.8	50.0	35.3
19	2,988	2,192	654	142	1,424	1,080	277	67	47.7	49.3	42.4	47.2
BLACK												
10-19	3,631	2,447	864	320	3,494	2,366	823	305	96.2	96.7	95.3	95.3
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	1	1	0	0	1	1	0	0	100.0	100.0	---	---
13	29	27	2	0	29	27	2	0	100.0	100.0	100.0	---
14	95	93	2	0	95	93	2	0	100.0	100.0	100.0	---
15	297	265	30	2	295	263	30	2	99.3	99.2	100.0	100.0
16	518	439	70	9	511	433	69	9	98.6	98.6	98.6	100.0
17	728	519	181	28	716	510	179	27	98.4	98.3	98.9	96.4
18	915	545	258	112	872	522	243	107	95.3	95.8	94.2	95.5
19	1,048	558	321	169	975	517	298	160	93.0	92.7	92.8	94.7

TABLE 8. PERCENT LOW BIRTH WEIGHT AND RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY AGE OF MOTHER BY RACE OF MOTHER: MISSOURI 1990

AGE OF MOTHER AND RACE OF MOTHER	PERCENT LOW BIRTH WEIGHT	TOTAL	LESS THAN 500 GRAMS	BIRTH WEIGHT									4500 OR MORE GRAMS	UNKNOWN
				500- 999 GRAMS	1000- 1499 GRAMS	1500- 1999 GRAMS	2000- 2499 GRAMS	2500- 2999 GRAMS	3000- 3499 GRAMS	3500- 3999 GRAMS	4000 4499 GRAMS			
ALL RACES														
ALL AGES	7.1	79,135	98	377	475	1,118	3,562	12,599	28,730	23,640	7,231	1,275	30	
UNDER 15	12.9	209	1	1	4	3	18	51	75	45	10	1	0	
15-17	10.8	3,932	7	36	48	77	257	801	1,516	935	236	19	0	
18-19	9.1	7,277	8	45	63	131	414	1,440	2,781	1,879	461	52	3	
20-24	7.2	21,622	27	114	120	299	997	3,697	8,243	6,128	1,710	280	7	
25-29	6.1	24,878	24	87	122	291	989	3,635	8,986	7,844	2,451	439	10	
30-34	6.5	15,443	22	63	80	211	632	2,150	5,248	4,964	1,729	338	6	
35-39	7.9	5,002	9	29	33	98	224	712	1,639	1,592	554	109	3	
40 AND OVER	6.1	737	0	1	5	8	31	108	230	241	77	36	0	
WHITE														
ALL AGES	5.8	64,438	56	217	284	778	2,417	9,196	23,131	20,587	6,576	1,174	22	
UNDER 15	13.6	81	0	0	1	2	8	23	24	16	7	0	0	
15-17	8.5	2,356	2	17	21	44	117	414	889	651	189	12	0	
18-19	7.7	5,244	4	21	35	91	254	909	2,007	1,479	397	44	3	
20-24	5.9	16,854	10	61	71	202	643	2,596	6,352	5,156	1,506	253	4	
25-29	5.1	21,439	15	59	82	204	741	2,864	7,698	7,096	2,264	408	8	
30-34	5.3	13,485	17	34	53	156	458	1,729	4,553	4,537	1,622	321	5	
35-39	6.8	4,334	8	24	17	74	173	571	1,406	1,437	519	103	2	
40 AND OVER	5.1	624	0	0	4	5	23	86	195	207	71	33	0	
BLACK														
ALL AGES	13.3	13,535	39	157	180	333	1,096	3,192	5,141	2,733	581	81	2	
UNDER 15	12.8	125	1	1	3	1	10	27	51	27	3	1	0	
15-17	14.3	1,543	5	19	26	32	138	383	614	277	43	6	0	
18-19	12.5	1,963	4	24	27	39	152	515	748	385	62	7	0	
20-24	12.3	4,503	15	52	48	96	345	1,050	1,785	901	188	22	1	
25-29	12.8	3,057	8	27	38	86	232	699	1,141	640	161	25	0	
30-34	16.2	1,682	5	28	24	54	162	380	578	350	89	12	0	
35-39	16.2	562	1	5	14	22	49	118	194	125	28	5	1	
40 AND OVER	12.4	97	0	1	0	3	8	20	28	28	6	3	0	

ALL AGES INCLUDE UNKNOWN AGE

TABLE 9 RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
STATE TOTAL	79,135	64,438	13,535	22,597	12,082	10,291	28.6	18.7	76.0
ADAIR	286	283	2	39	38	1	13.6	13.4	50.0
ANDREW	180	180	0	41	41	0	22.8	22.8	--
ATCHISON	83	82	0	16	16	0	19.3	19.5	--
AUDRAIN	325	299	24	78	58	20	24.0	19.4	83.3
BARRY	378	374	0	91	91	0	24.1	24.3	--
BARTON	137	134	1	21	19	1	15.3	14.2	100.0
BATES	217	214	0	39	39	0	18.0	18.2	--
BENTON	163	162	0	44	43	0	27.0	26.5	--
BOLLINGER	155	154	0	30	30	0	19.4	19.5	--
BOONE	1,680	1,415	160	357	235	115	21.3	16.6	71.9
BUCHANAN	1,224	1,181	38	367	338	27	30.0	28.6	71.1
BUTLER	528	476	46	176	140	35	33.3	29.4	76.1
CALDWELL	120	119	1	21	20	1	17.5	16.8	100.0
CALLAWAY	464	441	18	120	108	12	25.9	24.5	66.7
CAMDEN	320	316	0	53	51	0	16.6	16.1	--
CAPE GIRARDEAU	873	791	75	187	127	57	21.4	16.1	76.0
CARROLL	147	139	6	25	20	4	17.0	14.4	66.7
CARTER	85	83	0	24	23	0	28.2	27.7	--
CASS	1,006	982	9	182	177	2	18.1	18.0	22.2
CEDAR	151	151	0	32	32	0	21.2	21.2	--
CHARITON	99	91	6	19	15	4	19.2	16.5	66.7
CHRISTIAN	508	502	1	68	65	0	13.4	12.9	--
CLARK	90	90	0	19	19	0	21.1	21.1	--
CLAY	2,240	2,146	44	393	360	22	17.5	16.8	50.0
CLINTON	206	199	6	38	31	6	18.4	15.6	100.0
COLE	941	890	47	181	145	35	19.2	16.3	74.5
COOPER	197	182	12	40	29	10	20.3	15.9	83.3
CRAWFORD	280	279	0	60	60	0	21.4	21.5	--
DADE	68	68	0	8	8	0	11.8	11.8	--
DALLAS	189	187	0	34	33	0	18.0	17.6	--
DAVIESS	130	129	0	13	12	0	10.0	9.3	--
DE KALB	117	115	0	24	22	0	20.5	19.1	--
DENT	139	139	0	30	30	0	21.6	21.6	--
DOUGLAS	179	179	0	37	37	0	20.7	20.7	--
DUNKLIN	524	429	91	197	126	70	37.6	29.4	76.9

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
FRANKLIN	1,329	1,318	10	283	277	6	21.3	21.0	60.0
GASCONADE	196	196	0	30	30	0	15.3	15.3	--
GENTRY	80	79	1	11	10	1	13.8	12.7	100.0
GREENE	2,826	2,723	59	638	591	38	22.6	21.7	64.4
GRUNDY	135	135	0	25	25	0	18.5	18.5	--
HARRISON	87	85	1	14	12	1	16.1	14.1	100.0
HENRY	244	241	2	63	61	1	25.8	25.3	50.0
HICKORY	72	71	0	15	14	0	20.8	19.7	--
HOLT	78	77	1	6	6	0	7.7	7.8	--
HOWARD	121	107	13	29	18	11	24.0	16.8	84.6
HOWELL	449	446	0	92	92	0	20.5	20.6	--
IRON	134	132	2	39	37	2	29.1	28.0	100.0
JACKSON	10,941	7,381	3,322	4,206	1,624	2,515	38.4	22.0	75.7
JASPER	1,342	1,321	9	341	331	8	25.4	25.1	88.9
JEFFERSON	2,850	2,807	21	552	532	14	19.4	19.0	66.7
JOHNSON	674	613	36	81	67	11	12.0	10.9	30.6
KNOX	55	55	0	7	7	0	12.7	12.7	--
LACLEDE	415	408	0	80	78	0	19.3	19.1	--
LAFAYETTE	399	388	11	79	73	6	19.8	18.8	54.5
LAWRENCE	436	430	1	80	76	0	18.3	17.7	--
LEWIS	122	115	6	24	19	5	19.7	16.5	83.3
LINCOLN	457	449	7	79	74	5	17.3	16.5	71.4
LINN	205	200	4	39	37	2	19.0	18.5	50.0
LIVINGSTON	188	187	1	42	41	1	22.3	21.9	100.0
MC DONALD	255	246	1	62	60	1	24.3	24.4	100.0
MACON	187	179	8	37	31	6	19.8	17.3	75.0
MADISON	148	146	0	36	36	0	24.3	24.7	--
MARIES	105	103	0	21	20	0	20.0	19.4	--
MARION	396	378	16	98	85	11	24.7	22.5	68.8
MERCER	36	36	0	3	3	0	8.3	8.3	--
MILLER	305	304	0	72	71	0	23.6	23.4	--
MISSISSIPPI	220	153	66	96	43	53	43.6	28.1	80.3
MONITEAU	189	187	0	37	37	0	19.6	19.8	--
MONROE	120	111	9	10	9	1	8.3	8.1	11.1
MONTGOMERY	158	153	5	47	42	5	29.7	27.5	100.0

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
MORGAN	218	217	0	42	41	0	19.3	18.9	--
NEW MADRID	338	245	93	128	56	72	37.9	22.9	77.4
NEWTON	601	587	1	117	114	0	19.5	19.4	--
NODAWAY	246	241	2	27	26	0	11.0	10.8	--
OREGON	106	106	0	28	28	0	26.4	26.4	--
OSAGE	155	155	0	23	23	0	14.8	14.8	--
OZARK	108	107	0	14	14	0	13.0	13.1	--
PEMISCOT	444	247	193	240	74	165	54.1	30.0	85.5
PERRY	219	219	0	45	45	0	20.5	20.5	--
PETTIS	502	474	22	110	89	20	21.9	18.8	90.9
PHELPS	470	444	5	99	95	3	21.1	21.4	60.0
PIKE	233	217	16	60	46	14	25.8	21.2	87.5
PLATTE	840	795	30	140	127	11	16.7	16.0	36.7
POLK	283	269	4	35	34	0	12.4	12.6	--
PULASKI	838	670	120	133	101	31	15.9	15.1	25.8
PUTNAM	64	64	0	5	5	0	7.8	7.8	--
RALLS	95	94	1	10	9	1	10.5	9.6	100.0
RANDOLPH	358	333	22	104	85	18	29.1	25.5	81.8
RAY	336	329	7	77	73	4	22.9	22.2	57.1
REYNOLDS	81	81	0	21	21	0	25.9	25.9	--
RIPLEY	170	169	1	53	53	0	31.2	31.4	--
ST. CHARLES	3,887	3,745	108	507	454	48	13.0	12.1	44.4
ST. CLAIR	103	103	0	25	25	0	24.3	24.3	--
ST. FRANCOIS	655	651	1	172	171	1	26.3	26.3	100.0
STE. GENEVIEVE	206	205	0	35	34	0	17.0	16.6	--
ST. LOUIS CITY	8,436	2,875	5,459	5,467	827	4,605	64.8	28.8	84.4
ST. LOUIS COUNTY	14,626	11,263	3,116	3,374	1,293	2,065	23.1	11.5	66.3
SALINE	314	299	14	103	92	10	32.8	30.8	71.4
SCHUYLER	54	54	0	10	10	0	18.5	18.5	--
SCOTLAND	66	65	0	5	5	0	7.6	7.7	--
SCOTT	660	550	105	205	121	83	31.1	22.0	79.0
SHANNON	114	114	0	24	24	0	21.1	21.1	--
SHELBY	69	68	1	18	17	1	26.1	25.0	100.0
STODDARD	373	368	4	93	89	4	24.9	24.2	100.0
STONE	202	201	0	48	48	0	23.8	23.9	--

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
SULLIVAN	87	86	0	18	18	0	20.7	20.9	--
TANEY	310	304	0	58	56	0	18.7	18.4	--
TEXAS	261	259	0	54	54	0	20.7	20.8	--
VERNON	261	261	0	70	70	0	26.8	26.8	--
WARREN	301	289	10	67	58	8	22.3	20.1	80.0
WASHINGTON	302	301	1	108	107	1	35.8	35.5	100.0
WAYNE	149	148	0	44	44	0	29.5	29.7	--
WEBSTER	338	335	0	45	43	0	13.3	12.8	--
WORTH	37	36	0	6	6	0	16.2	16.7	--
WRIGHT	236	234	0	52	50	0	22.0	21.4	--
CITIES OVER 25,000 POPULATION									
BLUE SPRINGS	664	642	15	87	77	9	13.1	12.0	60.0
CAPE GIRARDEAU	484	406	72	138	80	55	28.5	19.7	76.4
COLUMBIA	963	744	133	226	124	97	23.5	16.7	72.9
FLORISSANT	739	693	42	110	91	19	14.9	13.1	45.2
GLADSTONE	327	310	9	62	54	6	19.0	17.4	66.7
INDEPENDENCE	1,797	1,724	31	460	427	20	25.6	24.8	64.5
JEFFERSON CITY	517	472	43	122	88	33	23.6	18.6	76.7
KIRKWOOD	374	337	34	49	21	28	13.1	6.2	82.4
LEES SUMMIT	781	751	17	73	65	7	9.3	8.7	41.2
MARYLAND HEIGHTS	433	381	39	88	60	28	20.3	15.7	71.8
RAYTOWN	396	370	20	72	64	7	18.2	17.3	35.0
ST. CHARLES	1,184	1,134	37	202	182	19	17.1	16.0	51.4
ST. JOSEPH	1,102	1,060	38	340	311	27	30.9	29.3	71.1
ST. LOUIS CITY	8,436	2,875	5,459	5,467	827	4,605	64.8	28.8	84.4
ST. PETERS	681	660	14	65	61	3	9.5	9.2	21.4
SPRINGFIELD	2,007	1,913	57	529	483	37	26.4	25.2	64.9
UNIVERSITY CITY	705	337	355	258	18	239	36.6	5.3	67.3
MULTI-COUNTY CITIES									
JOPLIN	739	723	6	199	192	5	26.9	26.6	83.3
JASPER CO. PART	650	636	6	181	175	5	27.8	27.5	83.3
NEWTON CO. PART	89	87	0	18	17	0	20.2	19.5	--
KANSAS CITY	7,963	4,589	3,184	3,552	1,058	2,441	44.6	23.1	76.7
JACKSON CO. PART	6,478	3,181	3,143	3,326	851	2,427	51.3	26.8	77.2
CLAY CO. PART	1,085	1,034	23	174	161	9	16.0	15.6	39.1
PLATTE CO. PART	400	374	18	52	46	5	13.0	12.3	27.8
CASS CO. PART	0	0	0	0	0	0	--	--	--

TABLE 10A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER, REGIONAL PLANNING COMMISSION: MISSOURI 1990

	TOTAL		STATE TOTAL		BLACK		EAST-WEST		MID AMERICA		SOUTHWEST	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	79,135	100.0	64,438	100.0	13,535	100.0	31,128	100.0	15,363	100.0	5,538	100.0
UNDER 2500 GRAMS	5,630	7.1	3,752	5.8	1,805	13.3	2,335	7.5	1,175	7.6	332	6.0
OVER 4499 GRAMS	1,275	1.6	1,174	1.8	81	0.6	493	1.6	241	1.6	96	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	5,274	6.9	3,543	5.7	1,669	12.7	2,022	6.6	1,154	8.1	235	4.4
LESS THAN 37 WEEKS GESTATION	7,484	9.5	4,969	7.7	2,417	17.9	3,179	10.2	1,528	9.9	456	8.2
APGAR SCORE LESS THAN 8	2,537	3.2	1,810	2.8	705	5.2	887	2.8	563	3.7	113	2.0
CONGENITAL ANOMALIES	1,093	1.4	915	1.4	156	1.2	364	1.2	221	1.4	69	1.2
ABNORMAL CONDITIONS OF NEWBORN	4,049	5.1	3,253	5.0	757	5.6	1,489	4.8	611	4.0	264	4.8
INFANT TRANSFERS	1,189	1.5	905	1.4	267	2.0	426	1.4	212	1.4	18	0.3
MATERNAL TRANSFERS	2,425	3.1	1,510	2.3	854	6.3	396	1.3	1,202	7.8	147	2.7
HOME DELIVERIES	486	0.6	389	0.6	90	0.7	187	0.6	58	0.4	60	1.1
CESAREAN DELIVERIES	18,242	23.1	15,455	24.0	2,511	18.6	7,480	24.0	3,105	20.2	1,442	26.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	19,540	24.7	16,488	25.6	2,915	21.5	7,014	22.5	3,776	24.6	1,422	25.7
DRANK ALCOHOL DURING PREG	2,146	2.7	1,704	2.6	427	3.2	1,082	3.5	495	3.2	82	1.5
GT 15 PERCENT UNDERWEIGHT	7,354	9.7	6,013	9.7	1,152	8.8	2,762	9.2	1,457	9.9	584	10.8
GT 20 PERCENT OVERWEIGHT	16,709	22.1	12,948	21.0	3,636	27.9	6,364	20.4	3,137	20.4	1,161	21.0
GAINED LT 20 LBS DURING PREG	10,235	13.4	7,770	12.4	2,334	18.2	3,895	13.0	1,716	11.8	760	13.8
MATERNAL EDUCATION UNDER 12	17,071	21.6	12,272	19.0	4,592	33.9	6,001	19.3	3,412	22.2	1,141	20.6
OUT-OF-WEDLOCK BIRTHS	22,597	28.6	12,082	18.7	10,291	76.0	10,183	32.7	4,998	32.5	1,105	20.0
LIVE BIRTH ORDER 4 OR MORE	7,591	9.6	5,199	8.1	2,303	17.0	3,231	10.4	1,472	9.6	464	8.4
LT 18 MOS SINCE LAST BIRTH	6,303	13.7	4,225	11.3	1,992	23.5	2,596	9.2	1,285	15.5	378	12.0
PRENATAL CARE												
1ST TRIMESTER	61,376	77.6	52,581	81.6	7,939	58.7	24,904	80.0	11,910	77.5	4,315	77.9
2ND TRIMESTER	13,041	16.5	9,080	14.1	3,767	27.8	4,510	14.5	2,300	15.0	974	17.6
3RD TRIMESTER	2,375	3.0	1,617	2.5	711	5.3	682	2.2	514	3.3	166	3.0
NO PRENATAL CARE	1,326	1.7	561	0.9	754	5.6	670	2.2	278	1.8	76	1.4
INADEQUATE PRENATAL CARE	13,484	17.5	8,394	13.3	4,877	37.9	5,094	16.6	2,553	17.5	849	15.4
MOTHER MEDICAID PARTICIPANT	22,906	30.0	14,251	22.9	8,412	63.3	8,101	26.2	4,151	29.1	1,679	31.1
MOTHER WIC PARTICIPANT	26,440	34.6	17,578	28.3	8,521	64.1	8,817	28.5	4,583	32.1	2,039	37.8
MOTHER ON MEDICAID AND WIC	18,204	23.8	11,344	18.3	6,678	50.2	6,247	20.2	3,149	22.0	1,384	25.7
MOTHER FOOD STAMP RECIPIENT	15,524	20.3	9,070	14.6	6,293	47.4	5,761	18.6	2,916	20.4	1,026	19.0
AGE OF MOTHER												
UNDER 15	209	0.3	81	0.1	125	0.9	93	0.3	53	0.3	5	0.1
15-17	3,932	5.0	2,356	3.7	1,543	11.4	1,547	5.0	820	5.3	216	3.9
18-19	7,277	9.2	5,244	8.1	1,963	14.5	2,323	7.5	1,470	9.6	529	9.6
20-24	21,622	27.3	16,854	26.2	4,503	33.3	7,024	22.6	4,188	27.3	1,729	31.2
25-29	24,878	31.4	21,439	33.3	3,057	22.6	10,094	32.4	4,789	31.2	1,777	32.1
30-34	15,443	19.5	13,485	20.9	1,682	12.4	7,280	23.4	2,986	19.4	946	17.1
35-39	5,002	6.3	4,334	6.7	562	4.2	2,415	7.8	928	6.0	284	5.1
40 AND OVER	737	0.9	624	1.0	97	0.7	348	1.1	126	0.8	51	0.9

TABLE 10A (CONT)

	MID-MISSOURI		MO KAN		NORTHWEST MISSOURI		GREEN HILLS		MISSOURI VALLEY		NORTHEAST MISSOURI	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	4,072	100.0	1,727	100.0	524	100.0	1,052	100.0	560	100.0	551	100.0
UNDER 2500 GRAMS	275	6.8	118	6.8	27	5.2	55	5.2	37	6.6	36	6.5
OVER 4499 GRAMS	64	1.6	21	1.2	11	2.1	17	1.6	7	1.3	16	2.9
CROWN HEEL LT 47 CM (<18.5 IN)	257	6.4	85	5.0	24	4.9	124	12.5	59	10.7	32	7.1
LESS THAN 37 WEEKS GESTATION	349	8.6	139	8.0	30	5.7	61	5.8	43	7.7	36	6.5
APGAR SCORE LESS THAN 8	128	3.1	41	2.4	17	3.2	25	2.4	13	2.3	25	4.5
CONGENITAL ANOMALIES	50	1.2	28	1.6	11	2.1	14	1.3	10	1.8	19	3.4
ABNORMAL CONDITIONS OF NEWBORN	239	5.9	38	2.2	21	4.0	62	5.9	34	6.1	63	11.4
INFANT TRANSFERS	39	1.0	19	1.1	11	2.1	32	3.0	20	3.6	13	2.4
MATERNAL TRANSFERS	76	1.9	26	1.5	11	2.1	31	2.9	41	7.3	21	3.8
HOME DELIVERIES	39	1.0	7	0.4	1	0.2	15	1.4	2	0.4	11	2.0
CESAREAN DELIVERIES	907	22.3	249	14.4	82	15.6	210	20.0	110	19.6	159	28.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	864	21.2	549	31.8	103	19.7	298	28.3	163	29.1	137	24.9
DRANK ALCOHOL DURING PREG	82	2.0	29	1.7	6	1.1	9	0.9	14	2.5	11	2.0
GT 15 PERCENT UNDERWEIGHT	346	8.8	152	9.0	34	6.9	98	9.9	36	6.6	32	7.2
GT 20 PERCENT OVERWEIGHT	889	21.8	437	25.3	116	22.1	266	25.3	163	29.1	107	19.4
GAINED LT 20 LBS DURING PREG	530	13.8	316	18.9	76	14.7	173	16.6	101	18.4	91	17.1
MATERNAL EDUCATION UNDER 12	649	15.9	379	21.9	51	9.7	240	22.8	145	25.9	107	19.4
OUT-OF-WEDLOCK BIRTHS	865	21.2	470	27.2	66	12.6	180	17.1	147	26.3	80	14.5
LIVE BIRTH ORDER 4 OR MORE	318	7.8	130	7.5	53	10.1	141	13.4	54	9.6	61	11.1
LT 18 MOS SINCE LAST BIRTH	232	10.4	143	14.0	31	9.3	95	14.2	52	15.4	37	10.7
PRENATAL CARE												
1ST TRIMESTER	3,215	79.0	1,357	78.6	459	87.6	838	79.7	410	73.2	448	81.3
2ND TRIMESTER	623	15.3	307	17.8	50	9.5	169	16.1	110	19.6	78	14.2
3RD TRIMESTER	115	2.8	34	2.0	7	1.3	30	2.9	23	4.1	14	2.5
NO PRENATAL CARE	31	0.8	7	0.4	6	1.1	5	0.5	8	1.4	4	0.7
INADEQUATE PRENATAL CARE	556	15.5	300	18.1	48	9.3	185	18.0	99	18.5	89	16.4
MOTHER MEDICAID PARTICIPANT	903	22.2	579	34.2	140	28.5	368	37.0	203	36.4	124	27.5
MOTHER WIC PARTICIPANT	1,076	26.5	575	34.0	204	41.5	469	47.1	248	44.5	179	39.7
MOTHER ON MEDICAID AND WIC	719	17.7	446	26.3	117	23.8	323	32.5	174	31.2	100	22.2
MOTHER FOOD STAMP RECIPIENT	599	14.8	374	22.1	75	15.3	239	24.0	133	23.9	93	20.6
AGE OF MOTHER												
UNDER 15	4	0.1	1	0.1	0	0.0	1	0.1	3	0.5	0	0.0
15-17	140	3.4	72	4.2	10	1.9	53	5.0	20	3.6	20	3.6
18-19	298	7.3	197	11.4	52	9.9	119	11.3	67	12.0	40	7.3
20-24	1,101	27.0	542	31.4	160	30.5	315	29.9	188	33.6	164	29.8
25-29	1,329	32.6	548	31.7	169	32.3	323	30.7	172	30.7	186	33.8
30-34	851	20.9	278	16.1	93	17.7	164	15.6	88	15.7	104	18.9
35-39	294	7.2	84	4.9	34	6.5	61	5.8	20	3.6	35	6.4
40 AND OVER	53	1.3	5	0.3	6	1.1	15	1.4	2	0.4	2	0.4

TABLE 10A (CONT)

	MARK TWIN		BOONSLICK		OZARK GATEWAY		KAYSINGER BASIN		SHOW-ME		SOUTH CENTRAL OZARK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,580	100.0	916	100.0	2,335	100.0	1,211	100.0	1,575	100.0	1,453	100.0
UNDER 2500 GRAMS	116	7.3	52	5.7	127	5.4	90	7.4	86	5.5	76	5.2
OVER 4499 GRAMS	27	1.7	12	1.3	53	2.3	20	1.7	29	1.8	24	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	102	8.0	43	4.7	84	4.0	95	8.4	101	6.5	65	4.6
LESS THAN 37 WEEKS GESTATION	137	8.7	62	6.8	191	8.2	132	10.9	125	7.9	116	8.0
APGAR SCORE LESS THAN 8	56	3.5	19	2.1	46	2.0	83	6.9	52	3.3	41	2.8
CONGENITAL ANOMALIES	38	2.4	15	1.6	39	1.7	20	1.7	24	1.5	22	1.5
ABNORMAL CONDITIONS OF NEWBORN	94	5.9	70	7.6	146	6.3	75	6.2	105	6.7	75	5.2
INFANT TRANSFERS	27	1.7	16	1.7	25	1.1	27	2.2	30	1.9	20	1.4
MATERNAL TRANSFERS	42	2.7	25	2.7	62	2.7	51	4.2	42	2.7	45	3.1
HOME DELIVERIES	18	1.1	8	0.9	8	0.3	3	0.2	10	0.6	13	0.9
CESAREAN DELIVERIES	370	23.4	239	26.1	458	19.6	335	27.7	395	25.1	317	21.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	459	29.1	281	30.7	593	25.4	359	29.6	366	23.2	426	29.3
DRANK ALCOHOL DURING PREG	27	1.7	22	2.4	55	2.4	29	2.4	40	2.5	21	1.4
GT 15 PERCENT UNDERWEIGHT	125	9.9	89	10.0	240	11.4	117	9.8	153	9.9	145	10.4
GT 20 PERCENT OVERWEIGHT	312	19.7	208	22.7	450	19.3	271	22.4	361	22.9	325	22.4
GAINED LT 20 LBS DURING PREG	232	15.2	111	12.4	257	11.2	200	16.9	202	13.1	226	15.7
MATERNAL EDUCATION UNDER 12	341	21.6	196	21.4	645	27.6	325	26.8	261	16.6	443	30.5
OUT-OF-WEDLOCK BIRTHS	361	22.8	193	21.1	541	23.2	288	23.8	270	17.1	301	20.7
LIVE BIRTH ORDER 4 OR MORE	161	10.2	103	11.2	201	8.6	110	9.1	123	7.8	133	9.2
LT 18 MOS SINCE LAST BIRTH	108	11.8	70	12.6	178	13.8	111	15.2	98	10.8	102	12.3
PRENATAL CARE												
1ST TRIMESTER	1,138	72.0	684	74.7	1,680	71.9	985	81.3	1,248	79.2	1,069	73.6
2ND TRIMESTER	313	19.8	187	20.4	505	21.6	180	14.9	259	16.4	327	22.5
3RD TRIMESTER	84	5.3	31	3.4	99	4.2	37	3.1	40	2.5	36	2.5
NO PRENATAL CARE	16	1.0	8	0.9	43	1.8	6	0.5	11	0.7	14	1.0
INADEQUATE PRENATAL CARE	322	21.3	169	19.0	467	20.1	159	13.2	199	12.9	281	19.4
MOTHER MEDICAID PARTICIPANT	453	35.4	198	21.7	677	32.3	535	47.1	386	24.9	672	47.9
MOTHER WIC PARTICIPANT	576	45.0	266	29.1	905	43.1	596	52.5	523	33.7	897	64.0
MOTHER ON MEDICAID AND WIC	396	30.9	158	17.3	564	26.9	455	40.1	306	19.7	581	41.4
MOTHER FOOD STAMP RECIPIENT	294	23.0	123	13.5	408	19.4	363	32.0	249	16.1	408	29.1
AGE OF MOTHER												
UNDER 15	2	0.1	2	0.2	6	0.3	3	0.2	1	0.1	2	0.1
15-17	66	4.2	35	3.8	134	5.7	63	5.2	47	3.0	78	5.4
18-19	149	9.4	72	7.9	287	12.3	148	12.2	140	8.9	223	15.3
20-24	489	30.9	266	29.0	796	34.1	410	33.9	553	35.1	512	35.2
25-29	538	34.1	332	36.2	662	28.4	313	25.8	480	30.5	400	27.5
30-34	243	15.4	153	16.7	313	13.4	197	16.3	277	17.6	164	11.3
35-39	77	4.9	49	5.3	104	4.5	66	5.5	70	4.4	62	4.3
40 AND OVER	16	1.0	7	0.8	15	0.6	10	0.8	6	0.4	11	0.8

TABLE 10A (CONT)

	MERAMEC		LAKE OF THE OZARKS		SOUTHEAST MISSOURI		BOOTHEEL		OZARK FOOTHILLS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,492	100.0	2,096	100.0	2,390	100.0	2,559	100.0	1,013	100.0
UNDER 2500 GRAMS	97	6.5	146	7.0	146	6.1	226	8.8	78	7.7
OVER 4499 GRAMS	22	1.5	29	1.4	53	2.2	25	1.0	15	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	86	5.8	153	7.4	175	7.4	273	12.0	105	10.6
LESS THAN 37 WEEKS GESTATION	123	8.2	185	8.8	193	8.1	305	11.9	94	9.3
APGAR SCORE LESS THAN 8	77	5.2	99	4.7	68	2.8	120	4.7	64	6.3
CONGENITAL ANOMALIES	20	1.3	33	1.6	36	1.5	47	1.8	13	1.3
ABNORMAL CONDITIONS OF NEWBORN	63	4.2	125	6.0	121	5.1	248	9.7	106	10.5
INFANT TRANSFERS	28	1.9	43	2.1	60	2.5	85	3.3	38	3.8
MATERNAL TRANSFERS	36	2.4	67	3.2	44	1.8	47	1.8	13	1.3
HOME DELIVERIES	8	0.5	13	0.6	18	0.8	6	0.2	1	0.1
CESAREAN DELIVERIES	362	24.3	498	23.8	627	26.2	665	26.0	232	22.9
MATERNAL RISK FACTORS										
SMOKED DURING PREGNANCY	413	27.7	542	25.9	652	27.3	769	30.1	354	34.9
DRANK ALCOHOL DURING PREG	17	1.1	47	2.2	20	0.8	45	1.8	13	1.3
GT 15 PERCENT UNDERWEIGHT	151	10.2	199	9.6	253	10.7	278	12.3	103	10.6
GT 20 PERCENT OVERWEIGHT	342	22.9	429	20.5	552	23.1	572	22.4	247	24.4
GAINED LT 20 LBS DURING PREG	219	14.8	273	13.2	288	12.1	403	16.2	166	17.0
MATERNAL EDUCATION UNDER 12	447	30.0	497	23.7	567	23.7	922	36.0	302	29.8
OUT-OF-WEDLOCK BIRTHS	348	23.3	380	18.1	544	22.8	959	37.5	318	31.4
LIVE BIRTH ORDER 4 OR MORE	136	9.1	185	8.8	174	7.3	247	9.7	94	9.3
LT 18 MOS SINCE LAST BIRTH	107	12.1	171	14.1	161	12.0	256	17.2	92	15.8
PRENATAL CARE										
1ST TRIMESTER	1,040	69.7	1,623	77.4	1,806	75.6	1,628	63.6	619	61.1
2ND TRIMESTER	363	24.3	361	17.2	485	20.3	652	25.5	288	28.4
3RD TRIMESTER	75	5.0	71	3.4	77	3.2	162	6.3	78	7.7
NO PRENATAL CARE	10	0.7	17	0.8	16	0.7	81	3.2	19	1.9
INADEQUATE PRENATAL CARE	292	19.7	354	17.4	360	15.1	757	30.2	351	36.0
MOTHER MEDICAID PARTICIPANT	532	35.8	559	26.8	748	31.4	1,320	57.6	578	57.4
MOTHER WIC PARTICIPANT	664	44.7	830	39.8	940	39.5	1,462	63.8	591	58.7
MOTHER ON MEDICAID AND WIC	431	29.0	420	20.1	592	24.9	1,159	50.5	483	48.0
MOTHER FOOD STAMP RECIPIENT	348	23.4	345	16.5	430	18.1	943	41.1	397	39.4
AGE OF MOTHER										
UNDER 15	2	0.1	4	0.2	9	0.4	13	0.5	5	0.5
15-17	74	5.0	99	4.7	134	5.6	230	9.0	74	7.3
18-19	174	11.7	206	9.8	252	10.5	375	14.7	156	15.4
20-24	463	31.0	757	36.1	731	30.6	898	35.1	336	33.2
25-29	476	31.9	641	30.6	755	31.6	636	24.9	258	25.5
30-34	215	14.4	273	13.0	393	16.4	282	11.0	143	14.1
35-39	79	5.3	95	4.5	104	4.4	105	4.1	36	3.6
40 AND OVER	8	0.5	21	1.0	12	0.5	18	0.7	5	0.5

TABLE 10B

RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	ADAIR		ANDREW		ATCHISON		AUDRAIN		BARRY		BARTON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	286	100.0	180	100.0	83	100.0	325	100.0	378	100.0	137	100.0
UNDER 2500 GRAMS	17	5.9	13	7.2	5	6.0	22	6.8	20	5.3	8	5.8
OVER 4499 GRAMS	8	2.8	3	1.7	2	2.4	5	1.5	7	1.9	2	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	16	5.7	9	5.1	3	4.3	26	8.1	14	5.1	5	3.9
LESS THAN 37 WEEKS GESTATION	20	7.0	10	5.6	6	7.2	30	9.2	28	7.4	8	5.8
APGAR SCORE LESS THAN 8	16	5.6	5	2.8	5	6.0	13	4.0	13	3.4	5	3.6
CONGENITAL ANOMALIES	10	3.5	3	1.7	3	3.6	3	0.9	4	1.1	3	2.2
ABNORMAL CONDITIONS OF NEWBORN	42	14.7	2	1.1	5	6.0	19	5.8	16	4.2	10	7.3
INFANT TRANSFERS	9	3.1	1	0.6	2	2.4	4	1.2	3	0.8	1	0.7
MATERNAL TRANSFERS	10	3.5	1	0.6	4	4.8	5	1.5	9	2.4	2	1.5
HOME DELIVERIES	0	0.0	0	0.0	1	1.2	6	1.8	1	0.3	0	0.0
CESAREAN DELIVERIES	88	30.8	25	13.9	7	8.4	71	21.8	91	24.1	39	28.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	69	24.1	48	26.7	30	36.1	89	27.4	123	32.5	28	20.4
DRANK ALCOHOL DURING PREG	7	2.4	0	0.0	0	0.0	5	1.5	6	1.6	3	2.2
GT 15 PERCENT UNDERWEIGHT	22	7.9	23	12.9	6	8.5	23	7.4	34	12.3	19	14.1
GT 20 PERCENT OVERWEIGHT	58	20.9	52	29.2	18	25.4	90	28.8	65	23.6	25	18.5
GAINED LT 20 LBS DURING PREG	37	13.2	27	15.3	12	14.5	61	19.9	43	11.5	10	7.3
MATERNAL EDUCATION UNDER 12	43	15.0	34	18.9	7	8.4	82	25.2	108	28.6	31	22.6
OUT-OF-WEDLOCK BIRTHS	39	13.6	41	22.8	16	19.3	78	24.0	91	24.1	21	15.3
LIVE BIRTH ORDER 4 OR MORE	28	9.8	6	3.3	7	8.4	36	11.1	39	10.3	19	13.9
LT 18 MOS SINCE LAST BIRTH	18	10.4	9	8.3	10	18.5	30	14.9	41	16.7	6	7.5
PRENATAL CARE												
1ST TRIMESTER	241	84.3	151	83.9	72	86.7	244	75.1	280	74.1	103	75.2
2ND TRIMESTER	30	10.5	25	13.9	6	7.2	55	16.9	78	20.6	29	21.2
3RD TRIMESTER	8	2.8	3	1.7	2	2.4	12	3.7	13	3.4	4	2.9
NO PRENATAL CARE	3	1.0	0	0.0	3	3.6	3	0.9	6	1.6	1	0.7
INADEQUATE PRENATAL CARE	36	12.8	25	14.1	10	12.0	56	18.5	77	20.5	22	16.2
MOTHER MEDICAID PARTICIPANT	68	24.3	47	26.4	30	42.3	108	33.3	109	39.5	35	27.3
MOTHER WIC PARTICIPANT	105	37.5	58	32.6	39	54.9	132	40.7	132	47.8	54	42.2
MOTHER ON MEDICAID AND WIC	52	18.6	42	23.6	29	40.8	93	28.7	92	33.3	31	24.2
MOTHER FOOD STAMP RECIPIENT	51	18.2	26	14.6	14	19.7	76	23.5	70	25.4	18	14.1
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
15-17	10	3.5	7	3.9	0	0.0	17	5.2	18	4.8	7	5.1
18-19	19	6.6	23	12.8	8	9.6	28	8.6	61	16.1	16	11.7
20-24	76	26.6	46	25.6	30	36.1	115	35.4	122	32.3	48	35.0
25-29	100	35.0	66	36.7	24	28.9	94	28.9	105	27.8	38	27.7
30-34	56	19.6	29	16.1	19	22.9	46	14.2	47	12.4	21	15.3
35-39	24	8.4	7	3.9	1	1.2	19	5.8	16	4.2	5	3.6
40 AND OVER	1	0.3	2	1.1	1	1.2	6	1.8	7	1.9	2	1.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	BATES		BENTON		BOLLINGER		BOONE		BUCHANAN		BUTLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	217	100.0	163	100.0	155	100.0	1,680	100.0	1,224	100.0	528	100.0
UNDER 2500 GRAMS	16	7.4	12	7.4	4	2.6	135	8.0	89	7.3	40	7.6
OVER 4499 GRAMS	3	1.4	7	4.3	5	3.2	23	1.4	15	1.2	10	1.9
CROWN HEEL LT 47 CM (<18.5 IN)	12	6.1	13	8.1	11	7.1	114	6.8	59	4.9	52	10.0
LESS THAN 37 WEEKS GESTATION	19	8.8	19	11.7	10	6.5	161	9.6	109	8.9	50	9.5
APGAR SCORE LESS THAN 8	9	4.1	9	5.5	3	1.9	55	3.3	25	2.0	33	6.3
CONGENITAL ANOMALIES	6	2.8	8	4.9	5	3.2	18	1.1	22	1.8	5	0.9
ABNORMAL CONDITIONS OF NEWBORN	12	5.5	12	7.4	5	3.2	84	5.0	28	2.3	48	9.1
INFANT TRANSFERS	4	1.8	6	3.7	2	1.3	11	0.7	14	1.1	17	3.2
MATERNAL TRANSFERS	7	3.2	12	7.4	3	1.9	10	0.6	16	1.3	7	1.3
HOME DELIVERIES	0	0.0	0	0.0	4	2.6	10	0.6	7	0.6	0	0.0
CESAREAN DELIVERIES	50	23.0	34	20.9	27	17.4	422	25.1	159	13.0	113	21.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	54	24.9	49	30.1	50	32.3	301	17.9	412	33.7	180	34.1
DRANK ALCOHOL DURING PREG	10	4.6	2	1.2	0	0.0	35	2.1	20	1.6	12	2.3
GT 15 PERCENT UNDERWEIGHT	18	8.6	20	12.3	13	8.5	146	9.2	101	8.4	53	10.4
GT 20 PERCENT OVERWEIGHT	54	25.7	31	19.0	40	26.1	326	20.5	305	25.4	132	25.9
GAINED LT 20 LBS DURING PREG	30	14.5	32	19.8	18	11.8	155	10.1	234	19.8	88	17.2
MATERNAL EDUCATION UNDER 12	47	21.7	51	31.3	43	27.7	218	13.0	297	24.3	147	27.8
OUT-OF-WEDLOCK BIRTHS	39	18.0	44	27.0	30	19.4	357	21.3	367	30.0	176	33.3
LIVE BIRTH ORDER 4 OR MORE	19	8.8	22	13.5	13	8.4	108	6.4	88	7.2	47	8.9
LT 18 MOS SINCE LAST BIRTH	18	13.8	12	12.0	8	8.5	97	11.3	112	15.5	47	15.7
PRENATAL CARE												
1ST TRIMESTER	169	77.9	134	82.2	114	73.5	1,412	84.0	942	77.0	332	62.9
2ND TRIMESTER	36	16.6	25	15.3	31	20.0	186	11.1	240	19.6	143	27.1
3RD TRIMESTER	9	4.1	4	2.5	7	4.5	40	2.4	21	1.7	39	7.4
NO PRENATAL CARE	2	0.9	0	0.0	1	0.6	10	0.6	3	0.2	10	1.9
INADEQUATE PRENATAL CARE	36	16.9	21	13.0	25	16.4	178	12.9	225	19.3	169	33.4
MOTHER MEDICAID PARTICIPANT	69	35.2	75	46.0	50	32.3	364	21.8	446	37.1	295	56.0
MOTHER WIC PARTICIPANT	94	48.0	99	60.7	73	47.1	434	25.9	391	32.6	276	52.4
MOTHER ON MEDICAID AND WIC	60	30.6	71	43.6	37	23.9	286	17.1	329	27.3	238	45.2
MOTHER FOOD STAMP RECIPIENT	55	28.1	47	28.8	17	11.0	259	15.5	300	25.0	197	37.4
AGE OF MOTHER												
UNDER 15	0	0.0	2	1.2	0	0.0	3	0.2	1	0.1	3	0.6
15-17	9	4.1	6	3.7	11	7.1	39	2.3	58	4.7	36	6.8
18-19	22	10.1	21	12.9	22	14.2	98	5.8	145	11.8	76	14.4
20-24	69	31.8	51	31.3	47	30.3	426	25.4	403	32.9	185	35.0
25-29	65	30.0	47	28.8	41	26.5	564	33.6	372	30.4	134	25.4
30-34	44	20.3	28	17.2	27	17.4	389	23.2	178	14.5	77	14.6
35-39	7	3.2	7	4.3	7	4.5	140	8.3	64	5.2	16	3.0
40 AND OVER	0	0.0	1	0.6	0	0.0	20	1.2	3	0.2	1	0.2

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	CALDWELL		CALLAWAY		CAMDEN		CAPE GIRARDEAU		CARROLL		CARTER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	120	100.0	464	100.0	320	100.0	873	100.0	147	100.0	85	100.0
UNDER 2500 GRAMS	4	3.3	31	6.7	17	5.3	61	7.0	12	8.2	7	8.2
OVER 4499 GRAMS	2	1.7	12	2.6	2	0.6	19	2.2	4	2.7	1	1.2
CROWN HEEL LT 47 CM (<18.5 IN)	10	8.5	31	6.8	17	5.3	79	9.1	18	12.3	14	16.7
LESS THAN 37 WEEKS GESTATION	4	3.3	48	10.3	21	6.6	71	8.1	13	8.8	10	11.8
APGAR SCORE LESS THAN 8	1	0.8	16	3.4	17	5.3	33	3.8	2	1.4	6	7.1
CONGENITAL ANOMALIES	0	0.0	14	3.0	2	0.6	12	1.4	2	1.4	1	1.2
ABNORMAL CONDITIONS OF NEWBORN	0	0.0	43	9.3	18	5.6	51	5.8	6	4.1	6	7.1
INFANT TRANSFERS	1	0.8	7	1.5	2	0.6	16	1.8	8	5.4	2	2.4
MATERNAL TRANSFERS	1	0.8	15	3.2	12	3.8	15	1.7	6	4.1	0	0.0
HOME DELIVERIES	1	0.8	3	0.6	2	0.6	8	0.9	1	0.7	0	0.0
CESAREAN DELIVERIES	20	16.7	98	21.1	84	26.3	247	28.3	24	16.3	23	27.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	36	30.0	137	29.5	101	31.6	160	18.3	41	27.9	30	35.3
DRANK ALCOHOL DURING PREG	0	0.0	7	1.5	18	5.6	3	0.3	3	2.0	0	0.0
GT 15 PERCENT UNDERWEIGHT	10	8.3	46	10.2	25	8.0	96	11.0	6	4.1	9	10.8
GT 20 PERCENT OVERWEIGHT	43	35.8	108	24.1	60	19.2	182	20.9	50	34.5	24	28.9
GAINED LT 20 LBS DURING PREG	31	25.8	80	18.1	42	13.5	90	10.3	34	23.1	9	11.1
MATERNAL EDUCATION UNDER 12	28	23.3	97	20.9	66	20.6	149	17.1	40	27.2	24	28.2
OUT-OF-WEDLOCK BIRTHS	21	17.5	120	25.9	53	16.6	187	21.4	25	17.0	24	28.2
LIVE BIRTH ORDER 4 OR MORE	19	15.8	40	8.6	26	8.1	64	7.3	10	6.8	3	3.5
LT 18 MOS SINCE LAST BIRTH	5	6.5	21	8.0	20	10.5	55	11.3	18	18.6	3	6.0
PRENATAL CARE												
1ST TRIMESTER	108	90.0	333	71.8	244	76.3	702	80.4	115	78.2	48	56.5
2ND TRIMESTER	11	9.2	99	21.3	58	18.1	147	16.8	26	17.7	26	30.6
3RD TRIMESTER	1	0.8	18	3.9	7	2.2	17	1.9	2	1.4	8	9.4
NO PRENATAL CARE	0	0.0	2	0.4	4	1.3	6	0.7	1	0.7	1	1.2
INADEQUATE PRENATAL CARE	15	12.6	98	23.3	52	17.5	99	11.4	27	18.9	32	39.5
MOTHER MEDICAID PARTICIPANT	47	39.8	137	29.6	97	30.5	201	23.1	52	35.6	48	56.5
MOTHER WIC PARTICIPANT	64	54.2	146	31.6	130	40.9	186	21.4	75	51.4	52	61.2
MOTHER ON MEDICAID AND WIC	43	36.4	109	23.5	77	24.2	131	15.0	47	32.2	43	50.6
MOTHER FOOD STAMP RECIPIENT	30	25.4	87	18.8	62	19.5	98	11.3	42	28.8	37	43.5
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	3	0.3	1	0.7	0	0.0
15-17	9	7.5	25	5.4	9	2.8	50	5.7	6	4.1	4	4.7
18-19	11	9.2	42	9.1	28	8.8	79	9.0	18	12.2	16	18.8
20-24	42	35.0	124	26.7	116	36.3	217	24.9	47	32.0	33	38.8
25-29	35	29.2	154	33.2	85	26.6	293	33.6	47	32.0	17	20.0
30-34	17	14.2	88	19.0	56	17.5	177	20.3	22	15.0	12	14.1
35-39	5	4.2	24	5.2	22	6.9	49	5.6	6	4.1	2	2.4
40 AND OVER	1	0.8	6	1.3	4	1.3	5	0.6	0	0.0	1	1.2

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	CASS		CEDAR		CHARITON		CHRISTIAN		CLARK		CLAY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,006	100.0	151	100.0	99	100.0	508	100.0	90	100.0	2,240	100.0
UNDER 2500 GRAMS	75	7.5	10	6.6	3	3.0	32	6.3	6	6.7	134	6.0
OVER 4499 GRAMS	23	2.3	4	2.6	3	3.0	5	1.0	3	3.3	32	1.4
CROWN HEEL LT 47 CM (<18.5 IN)	76	8.4	14	9.5	5	5.1	19	3.7	0	0.0	116	5.4
LESS THAN 37 WEEKS GESTATION	81	8.1	14	9.3	10	10.1	53	10.4	3	3.3	174	7.8
APGAR SCORE LESS THAN 8	40	4.0	26	17.2	2	2.0	6	1.2	1	1.1	85	3.8
CONGENITAL ANOMALIES	7	0.7	1	0.7	1	1.0	1	0.2	2	2.2	39	1.7
ABNORMAL CONDITIONS OF NEWBORN	39	3.9	10	6.6	5	5.1	28	5.5	1	1.1	90	4.0
INFANT TRANSFERS	11	1.1	7	4.6	2	2.0	1	0.2	1	1.1	28	1.3
MATERNAL TRANSFERS	29	2.9	4	2.6	7	7.1	10	2.0	4	4.4	68	3.0
HOME DELIVERIES	6	0.6	0	0.0	0	0.0	1	0.2	2	2.2	3	0.1
CESAREAN DELIVERIES	211	21.0	35	23.2	20	20.2	126	24.8	18	20.0	517	23.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	275	27.3	41	27.2	22	22.2	109	21.5	26	28.9	519	23.2
DRANK ALCOHOL DURING PREG	28	2.8	2	1.3	1	1.0	7	1.4	2	2.2	42	1.9
GT 15 PERCENT UNDERWEIGHT	100	10.4	20	13.3	5	5.2	51	10.1	1	6.7	185	8.5
GT 20 PERCENT OVERWEIGHT	206	21.3	35	23.3	31	32.0	94	18.5	6	40.0	448	20.7
GAINED LT 20 LBS DURING PREG	105	10.7	28	18.7	17	17.7	65	12.8	22	26.8	230	10.6
MATERNAL EDUCATION UNDER 12	202	20.1	37	24.5	14	14.1	74	14.6	23	25.6	318	14.2
OUT-OF-WEDLOCK BIRTHS	182	18.1	32	21.2	19	19.2	68	13.4	19	21.1	393	17.5
LIVE BIRTH ORDER 4 OR MORE	93	9.2	17	11.3	16	16.2	39	7.7	7	7.8	129	5.8
LT 18 MOS SINCE LAST BIRTH	56	9.7	18	20.2	9	15.0	20	7.1	5	8.3	136	11.6
PRENATAL CARE												
1ST TRIMESTER	801	79.6	124	82.1	69	69.7	425	83.7	65	72.2	1,896	84.6
2ND TRIMESTER	143	14.2	22	14.6	21	21.2	72	14.2	20	22.2	246	11.0
3RD TRIMESTER	32	3.2	4	2.6	5	5.1	5	1.0	3	3.3	56	2.5
NO PRENATAL CARE	12	1.2	1	0.7	1	1.0	5	1.0	0	0.0	17	0.8
INADEQUATE PRENATAL CARE	136	13.9	21	13.9	15	17.0	54	10.7	19	21.6	212	9.7
MOTHER MEDICAID PARTICIPANT	201	22.2	73	49.3	29	29.3	125	24.7	4	28.6	305	14.4
MOTHER WIC PARTICIPANT	193	21.3	62	41.9	37	37.4	174	34.3	5	35.7	405	19.1
MOTHER ON MEDICAID AND WIC	131	14.5	56	37.8	24	24.2	103	20.3	4	28.6	235	11.1
MOTHER FOOD STAMP RECIPIENT	122	13.5	52	35.1	20	20.2	68	13.4	2	14.3	194	9.2
AGE OF MOTHER												
UNDER 15	1	0.1	1	0.7	0	0.0	0	0.0	0	0.0	2	0.1
15-17	45	4.5	8	5.3	2	2.0	18	3.5	5	5.6	71	3.2
18-19	74	7.4	19	12.6	3	3.0	38	7.5	7	7.8	167	7.5
20-24	302	30.0	56	37.1	37	37.4	129	25.4	35	38.9	546	24.4
25-29	339	33.7	36	23.8	27	27.3	162	31.9	26	28.9	797	35.6
30-34	198	19.7	18	11.9	23	23.2	123	24.2	15	16.7	491	21.9
35-39	40	4.0	11	7.3	5	5.1	34	6.7	2	2.2	147	6.6
40 AND OVER	7	0.7	2	1.3	2	2.0	4	0.8	0	0.0	19	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	CLINTON		COLE		COOPER		CRAWFORD		DADE		DALLAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	206	100.0	941	100.0	197	100.0	280	100.0	68	100.0	189	100.0
UNDER 2500 GRAMS	8	3.9	47	5.0	12	6.1	17	6.1	5	7.4	7	3.7
OVER 4499 GRAMS	1	0.5	13	1.4	5	2.5	3	1.1	2	2.9	3	1.6
CROWN HEEL LT 47 CM (<18.5 IN)	8	4.0	48	5.1	10	5.1	11	4.0	1	1.5	8	4.3
LESS THAN 37 WEEKS GESTATION	14	6.8	63	6.7	12	6.1	21	7.5	7	10.3	11	5.8
APGAR SCORE LESS THAN 8	7	3.4	29	3.1	4	2.0	16	5.7	1	1.5	5	2.6
CONGENITAL ANOMALIES	3	1.5	8	0.9	3	1.5	2	0.7	1	1.5	5	2.6
ABNORMAL CONDITIONS OF NEWBORN	6	2.9	57	6.1	9	4.6	12	4.3	2	2.9	10	5.3
INFANT TRANSFERS	4	1.9	11	1.2	0	0.0	3	1.1	0	0.0	2	1.1
MATERNAL TRANSFERS	4	1.9	26	2.8	2	1.0	4	1.4	3	4.4	6	3.2
HOME DELIVERIES	0	0.0	1	0.1	8	4.1	0	0.0	0	0.0	3	1.6
CESAREAN DELIVERIES	41	19.9	187	19.9	47	23.9	74	26.4	13	19.1	45	23.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	54	26.2	203	21.6	40	20.3	98	35.0	12	17.6	47	24.9
DRANK ALCOHOL DURING PREG	6	2.9	24	2.6	6	3.0	4	1.4	0	0.0	2	1.1
GT 15 PERCENT UNDERWEIGHT	21	10.4	81	8.8	14	7.4	26	9.3	8	11.8	19	10.2
GT 20 PERCENT OVERWEIGHT	44	21.8	190	20.6	56	29.6	73	26.2	14	20.6	54	28.9
GAINED LT 20 LBS DURING PREG	31	15.0	128	14.0	32	17.7	38	13.6	12	17.6	35	18.6
MATERNAL EDUCATION UNDER 12	32	15.5	120	12.8	39	19.8	101	36.1	12	17.6	62	32.8
OUT-OF-WEDLOCK BIRTHS	38	18.4	181	19.2	40	20.3	60	21.4	8	11.8	34	18.0
LIVE BIRTH ORDER 4 OR MORE	22	10.7	70	7.4	20	10.2	29	10.4	9	13.2	24	12.7
LT 18 MOS SINCE LAST BIRTH	14	12.3	44	8.2	10	9.4	17	9.6	8	19.0	15	13.0
PRENATAL CARE												
1ST TRIMESTER	163	79.1	737	78.3	155	78.7	203	72.5	53	77.9	143	75.7
2ND TRIMESTER	31	15.0	151	16.0	29	14.7	58	20.7	12	17.6	33	17.5
3RD TRIMESTER	7	3.4	25	2.7	6	3.0	17	6.1	3	4.4	10	5.3
NO PRENATAL CARE	4	1.9	9	1.0	3	1.5	2	0.7	0	0.0	1	0.5
INADEQUATE PRENATAL CARE	32	15.8	123	13.8	30	17.9	59	21.1	10	14.7	39	21.0
MOTHER MEDICAID PARTICIPANT	53	26.4	162	17.3	45	23.1	99	35.5	20	29.9	60	32.1
MOTHER WIC PARTICIPANT	67	33.3	166	17.7	56	28.7	122	43.7	38	56.7	82	43.9
MOTHER ON MEDICAID AND WIC	45	22.4	116	12.4	39	20.0	81	29.0	20	29.9	54	28.9
MOTHER FOOD STAMP RECIPIENT	33	16.4	101	10.8	26	13.3	66	23.7	12	17.9	36	19.3
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
15-17	3	1.5	29	3.1	12	6.1	16	5.7	2	2.9	12	6.3
18-19	21	10.2	62	6.6	14	7.1	25	8.9	7	10.3	18	9.5
20-24	60	29.1	263	27.9	48	24.4	80	28.6	26	38.2	65	34.4
25-29	72	35.0	309	32.8	64	32.5	93	33.2	18	26.5	57	30.2
30-34	43	20.9	203	21.6	35	17.8	47	16.8	11	16.2	25	13.2
35-39	7	3.4	63	6.7	18	9.1	18	6.4	3	4.4	10	5.3
40 AND OVER	0	0.0	11	1.2	6	3.0	1	0.4	1	1.5	2	1.1

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	DAVISS		DE KALB		DENT		DOUGLAS		DUNKLIN		FRANKLIN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	130	100.0	117	100.0	139	100.0	179	100.0	524	100.0	1,329	100.0
UNDER 2500 GRAMS	8	6.2	8	6.8	10	7.2	16	8.9	42	8.0	66	5.0
OVER 4499 GRAMS	2	1.5	2	1.7	1	0.7	4	2.2	5	1.0	29	2.2
CROWN HEEL LT 47 CM (<18.5 IN)	15	11.8	9	7.9	8	5.8	13	7.3	48	12.0	81	6.1
LESS THAN 37 WEEKS GESTATION	6	4.6	6	5.1	10	7.2	22	12.3	66	12.6	104	7.8
APGAR SCORE LESS THAN 8	5	3.8	4	3.4	8	5.8	6	3.4	23	4.4	46	3.5
CONGENITAL ANOMALIES	1	0.8	0	0.0	2	1.4	4	2.2	6	1.1	24	1.8
ABNORMAL CONDITIONS OF NEWBORN	8	6.2	2	1.7	5	3.6	11	6.1	46	8.8	47	3.5
INFANT TRANSFERS	2	1.5	0	0.0	3	2.2	4	2.2	15	2.9	15	1.1
MATERNAL TRANSFERS	0	0.0	5	4.3	3	2.2	11	6.1	4	0.8	14	1.1
HOME DELIVERIES	9	6.9	0	0.0	2	1.4	3	1.7	0	0.0	1	0.1
CESAREAN DELIVERIES	17	13.1	24	20.5	34	24.5	42	23.5	131	25.0	323	24.3
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	32	24.6	35	29.9	40	28.8	46	25.7	158	30.2	363	27.3
DRANK ALCOHOL DURING PREG	1	0.8	3	2.6	1	0.7	0	0.0	7	1.3	33	2.5
GT 15 PERCENT UNDERWEIGHT	10	7.9	7	6.0	13	9.4	17	9.6	48	12.0	134	10.4
GT 20 PERCENT OVERWEIGHT	35	27.6	36	31.0	34	24.5	43	24.2	96	24.0	302	23.4
GAINED LT 20 LBS DURING PREG	24	18.9	24	21.4	19	13.8	23	12.8	88	17.2	184	14.2
MATERNAL EDUCATION UNDER 12	55	42.3	16	13.7	44	31.7	54	30.2	196	37.4	323	24.3
OUT-OF-WEDLOCK BIRTHS	13	10.0	24	20.5	30	21.6	37	20.7	197	37.6	283	21.3
LIVE BIRTH ORDER 4 OR MORE	40	30.8	14	12.0	15	10.8	25	14.0	44	8.4	116	8.7
LT 18 MOS SINCE LAST BIRTH	15	15.8	8	10.4	8	9.4	17	15.9	56	19.9	79	10.0
PRENATAL CARE												
1ST TRIMESTER	89	68.5	101	86.3	86	61.9	126	70.4	366	69.8	1,099	82.7
2ND TRIMESTER	31	23.8	11	9.4	38	27.3	43	24.0	131	25.0	176	13.2
3RD TRIMESTER	8	6.2	3	2.6	12	8.6	6	3.4	17	3.2	27	2.0
NO PRENATAL CARE	1	0.8	0	0.0	2	1.4	3	1.7	6	1.1	20	1.5
INADEQUATE PRENATAL CARE	46	36.5	18	16.1	33	24.3	32	18.0	128	25.0	172	13.0
MOTHER MEDICAID PARTICIPANT	37	28.9	33	29.2	62	44.6	73	41.0	304	75.1	301	22.7
MOTHER WIC PARTICIPANT	53	41.4	59	52.2	65	46.8	100	56.2	307	75.8	382	28.8
MOTHER ON MEDICAID AND WIC	34	26.6	30	26.5	51	36.7	61	34.3	258	63.7	233	17.6
MOTHER FOOD STAMP RECIPIENT	25	19.5	15	13.3	38	27.3	46	25.8	226	55.8	198	14.9
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	3	0.6	1	0.1
15-17	6	4.6	4	3.4	6	4.3	17	9.5	45	8.6	56	4.2
18-19	16	12.3	8	6.8	23	16.5	21	11.7	80	15.3	122	9.2
20-24	26	20.0	33	28.2	42	30.2	53	29.6	207	39.5	386	29.0
25-29	41	31.5	38	32.5	43	30.9	48	26.8	112	21.4	443	33.3
30-34	22	16.9	28	23.9	16	11.5	29	16.2	53	10.1	249	18.7
35-39	14	10.8	6	5.1	7	5.0	10	5.6	22	4.2	63	4.7
40 AND OVER	4	3.1	0	0.0	2	1.4	1	0.6	2	0.4	9	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	GASCONADE		GENTRY		GREENE		GRUNDY		HARRISON		HENRY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	196	100.0	80	100.0	2,826	100.0	135	100.0	87	100.0	244	100.0
UNDER 2500 GRAMS	4	2.0	5	6.3	172	6.1	6	4.4	5	5.7	22	9.0
OVER 4499 GRAMS	4	2.0	2	2.5	47	1.7	2	1.5	2	2.3	0	0.0
CROWN HEEL LT 47 CM (<18.5 IN)	13	6.7	2	2.6	126	4.5	31	23.0	10	15.4	30	12.4
LESS THAN 37 WEEKS GESTATION	13	6.6	2	2.5	230	8.1	5	3.7	6	6.9	41	16.8
APGAR SCORE LESS THAN 8	4	2.0	3	3.8	64	2.3	1	0.7	1	1.1	10	4.1
CONGENITAL ANOMALIES	2	1.0	1	1.3	38	1.3	1	0.7	1	1.1	2	0.8
ABNORMAL CONDITIONS OF NEWBORN	7	3.6	3	3.8	128	4.5	5	3.7	5	5.7	10	4.1
INFANT TRANSFERS	4	2.0	1	1.3	3	0.1	4	3.0	2	2.3	2	0.8
MATERNAL TRANSFERS	4	2.0	0	0.0	75	2.7	2	1.5	2	2.3	12	4.9
HOME DELIVERIES	0	0.0	0	0.0	10	0.4	1	0.7	0	0.0	1	0.4
CESAREAN DELIVERIES	42	21.4	9	11.3	754	26.7	23	17.0	17	19.5	101	41.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	45	23.0	14	17.5	724	25.6	35	25.9	23	26.4	88	36.1
DRANK ALCOHOL DURING PREG	4	2.0	1	1.3	36	1.3	2	1.5	0	0.0	11	4.5
GT 15 PERCENT UNDERWEIGHT	19	9.7	1	1.3	322	11.4	17	12.6	5	7.7	28	11.8
GT 20 PERCENT OVERWEIGHT	47	24.0	22	27.8	543	19.3	31	23.0	19	29.2	48	20.2
GAINED LT 20 LBS DURING PREG	37	19.1	10	12.7	373	13.2	20	14.8	14	16.1	40	16.7
MATERNAL EDUCATION UNDER 12	36	18.4	13	16.3	501	17.7	28	20.7	12	13.8	63	25.8
OUT-OF-WEDLOCK BIRTHS	30	15.3	11	13.8	638	22.6	25	18.5	14	16.1	63	25.8
LIVE BIRTH ORDER 4 OR MORE	15	7.7	8	10.0	198	7.0	16	11.9	7	8.0	15	6.1
LT 18 MOS SINCE LAST BIRTH	12	9.8	5	10.0	183	11.6	15	17.2	5	11.1	25	16.7
PRENATAL CARE												
1ST TRIMESTER	146	74.5	68	85.0	2,274	80.5	111	82.2	66	75.9	208	85.2
2ND TRIMESTER	42	21.4	10	12.5	441	15.6	17	12.6	17	19.5	26	10.7
3RD TRIMESTER	7	3.6	1	1.3	70	2.5	5	3.7	2	2.3	7	2.9
NO PRENATAL CARE	1	0.5	1	1.3	38	1.3	0	0.0	0	0.0	1	0.4
INADEQUATE PRENATAL CARE	36	18.4	5	6.4	368	13.0	21	15.8	12	14.1	22	9.1
MOTHER MEDICAID PARTICIPANT	28	14.3	23	29.1	873	30.9	61	45.2	31	47.7	111	46.1
MOTHER WIC PARTICIPANT	56	28.6	37	46.8	987	35.0	66	48.9	40	61.5	130	53.9
MOTHER ON MEDICAID AND WIC	22	11.2	18	22.8	712	25.2	56	41.5	28	43.1	102	42.3
MOTHER FOOD STAMP RECIPIENT	19	9.7	13	16.5	579	20.5	48	35.6	20	30.8	84	34.9
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.0	0	0.0	1	1.1	0	0.0
15-17	7	3.6	4	5.0	89	3.1	7	5.2	3	3.4	11	4.5
18-19	17	8.7	8	10.0	250	8.8	22	16.3	9	10.3	36	14.8
20-24	60	30.6	29	36.3	841	29.8	36	26.7	25	28.7	77	31.6
25-29	68	34.7	17	21.3	937	33.2	36	26.7	29	33.3	63	25.8
30-34	34	17.3	15	18.8	520	18.4	27	20.0	15	17.2	39	16.0
35-39	9	4.6	6	7.5	166	5.9	6	4.4	5	5.7	14	5.7
40 AND OVER	1	0.5	1	1.3	22	0.8	1	0.7	0	0.0	4	1.6

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	HICKORY		HOLT		HOWARD		HOWELL		IRON		JACKSON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	72	100.0	78	100.0	121	100.0	449	100.0	134	100.0	10,941	100.0
UNDER 2500 GRAMS	3	4.2	2	2.6	11	9.1	28	6.2	6	4.5	904	8.3
OVER 4499 GRAMS	2	2.8	4	5.1	2	1.7	5	1.1	5	3.7	163	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	3	4.2	5	6.6	8	6.7	19	4.3	8	6.0	894	8.7
LESS THAN 37 WEEKS GESTATION	6	8.3	4	5.1	17	14.0	40	8.9	15	11.2	1,190	10.9
APGAR SCORE LESS THAN 8	2	2.8	2	2.6	2	1.7	12	2.7	3	2.2	408	3.7
CONGENITAL ANOMALIES	2	2.8	1	1.3	0	0.0	4	0.9	0	0.0	152	1.4
ABNORMAL CONDITIONS OF NEWBORN	7	9.7	3	3.8	9	7.4	25	5.6	9	6.7	436	4.0
INFANT TRANSFERS	1	1.4	2	2.6	1	0.8	5	1.1	6	4.5	154	1.4
MATERNAL TRANSFERS	3	4.2	1	1.3	14	11.6	6	1.3	4	3.0	1,077	9.8
HOME DELIVERIES	1	1.4	0	0.0	0	0.0	3	0.7	0	0.0	44	0.4
CESAREAN DELIVERIES	25	34.7	12	15.4	25	20.7	94	20.9	32	23.9	2,126	19.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	23	31.9	15	19.2	25	20.7	140	31.2	53	39.6	2,687	24.6
DRANK ALCOHOL DURING PREG	0	0.0	2	2.6	3	2.5	11	2.4	3	2.2	404	3.7
GT 15 PERCENT UNDERWEIGHT	3	4.2	5	6.6	7	6.2	47	10.7	19	14.3	1,066	10.3
GT 20 PERCENT OVERWEIGHT	15	20.8	21	27.6	34	30.1	106	24.1	33	24.8	2,258	21.7
GAINED LT 20 LBS DURING PREG	11	15.5	13	16.9	18	15.9	77	17.2	17	12.8	1,280	12.5
MATERNAL EDUCATION UNDER 12	12	16.7	10	12.8	14	11.6	126	28.1	49	36.6	2,668	24.4
OUT-OF-WEDLOCK BIRTHS	15	20.8	6	7.7	29	24.0	92	20.5	39	29.1	4,206	38.4
LIVE BIRTH ORDER 4 OR MORE	5	6.9	7	9.0	5	4.1	37	8.2	12	9.0	1,155	10.6
LT 18 MOS SINCE LAST BIRTH	6	15.4	2	3.8	7	10.1	32	12.5	6	8.8	1,031	17.4
PRENATAL CARE												
1ST TRIMESTER	56	77.8	74	94.9	85	70.2	351	78.2	84	62.7	8,227	75.2
2ND TRIMESTER	12	16.7	2	2.6	25	20.7	88	19.6	44	32.8	1,777	16.2
3RD TRIMESTER	2	2.8	1	1.3	5	4.1	5	1.1	6	4.5	404	3.7
NO PRENATAL CARE	2	2.8	0	0.0	1	0.8	5	1.1	0	0.0	232	2.1
INADEQUATE PRENATAL CARE	12	16.9	2	2.7	16	15.7	88	19.6	31	23.1	2,065	20.1
MOTHER MEDICAID PARTICIPANT	30	41.7	16	21.1	36	29.8	197	44.8	73	54.5	3,445	33.8
MOTHER WIC PARTICIPANT	36	50.0	30	39.5	45	37.2	275	62.5	91	67.9	3,764	36.9
MOTHER ON MEDICAID AND WIC	26	36.1	13	17.1	33	27.3	165	37.5	67	50.0	2,639	25.9
MOTHER FOOD STAMP RECIPIENT	16	22.2	11	14.5	24	19.8	120	27.3	48	35.8	2,483	24.3
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	1	0.2	1	0.7	47	0.4
15-17	5	6.9	1	1.3	5	4.1	18	4.0	10	7.5	666	6.1
18-19	9	12.5	10	12.8	13	10.7	62	13.8	20	14.9	1,134	10.4
20-24	26	36.1	13	16.7	32	26.4	176	39.2	52	38.8	3,051	27.9
25-29	15	20.8	36	46.2	35	28.9	123	27.4	30	22.4	3,257	29.8
30-34	10	13.9	11	14.1	27	22.3	47	10.5	17	12.7	2,037	18.6
35-39	5	6.9	6	7.7	9	7.4	17	3.8	4	3.0	655	6.0
40 AND OVER	2	2.8	1	1.3	0	0.0	5	1.1	0	0.0	91	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	JASPER		JEFFERSON		JOHNSON		KNOX		LACLEDE		LAFAYETTE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,342	100.0	2,850	100.0	674	100.0	55	100.0	415	100.0	399	100.0
UNDER 2500 GRAMS	78	5.8	143	5.0	29	4.3	2	3.6	28	6.7	21	5.3
OVER 4499 GRAMS	29	2.2	46	1.6	15	2.2	0	0.0	9	2.2	6	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	55	4.2	115	4.1	28	4.3	5	10.2	23	5.6	34	8.6
LESS THAN 37 WEEKS GESTATION	115	8.6	212	7.4	39	5.8	4	7.3	49	11.8	39	9.8
APGAR SCORE LESS THAN 8	26	1.9	50	1.8	20	3.0	0	0.0	15	3.6	10	2.5
CONGENITAL ANOMALIES	23	1.7	33	1.2	9	1.3	3	5.5	8	1.9	7	1.8
ABNORMAL CONDITIONS OF NEWBORN	96	7.2	99	3.5	41	6.1	2	3.6	29	7.0	25	6.3
INFANT TRANSFERS	19	1.4	35	1.2	13	1.9	0	0.0	7	1.7	10	2.5
MATERNAL TRANSFERS	41	3.1	22	0.8	18	2.7	3	5.5	14	3.4	11	2.8
HOME DELIVERIES	6	0.4	17	0.6	5	0.7	5	9.1	2	0.5	2	0.5
CESAREAN DELIVERIES	246	18.3	778	27.3	174	25.8	13	23.6	113	27.2	96	24.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	363	27.0	856	30.0	121	18.0	13	23.6	135	32.5	104	26.1
DRANK ALCOHOL DURING PREG	35	2.6	58	2.0	15	2.2	1	1.8	6	1.4	7	1.8
GT 15 PERCENT UNDERWEIGHT	145	11.0	260	9.4	64	9.6	4	8.5	48	11.6	36	9.1
GT 20 PERCENT OVERWEIGHT	276	20.9	632	22.8	138	20.8	14	29.8	95	23.0	97	24.4
GAINED LT 20 LBS DURING PREG	149	11.2	361	12.9	72	10.8	9	17.0	63	15.3	63	16.1
MATERNAL EDUCATION UNDER 12	361	26.9	516	18.1	81	12.0	18	32.7	127	30.6	82	20.6
OUT-OF-WEDLOCK BIRTHS	341	25.4	552	19.4	81	12.0	7	12.7	80	19.3	79	19.8
LIVE BIRTH ORDER 4 OR MORE	100	7.5	217	7.6	45	6.7	7	12.7	31	7.5	33	8.3
LT 18 MOS SINCE LAST BIRTH	108	14.6	173	10.6	41	11.0	3	8.3	39	17.1	25	10.8
PRENATAL CARE												
1ST TRIMESTER	967	72.1	2,408	84.5	524	77.7	42	76.4	315	75.9	318	79.7
2ND TRIMESTER	296	22.1	342	12.0	123	18.2	11	20.0	76	18.3	65	16.3
3RD TRIMESTER	49	3.7	49	1.7	19	2.8	1	1.8	14	3.4	9	2.3
NO PRENATAL CARE	27	2.0	12	0.4	4	0.6	0	0.0	6	1.4	3	0.8
INADEQUATE PRENATAL CARE	260	19.4	284	10.1	87	13.1	11	20.8	75	18.3	48	12.2
MOTHER MEDICAID PARTICIPANT	456	34.7	519	18.4	116	17.6	16	32.7	126	30.4	114	28.9
MOTHER WIC PARTICIPANT	577	43.8	710	25.1	213	32.3	17	34.7	165	39.9	100	25.4
MOTHER ON MEDICAID AND WIC	384	29.2	407	14.4	100	15.2	11	22.4	96	23.2	75	19.0
MOTHER FOOD STAMP RECIPIENT	293	22.3	295	10.4	83	12.6	12	24.5	78	18.8	68	17.3
AGE OF MOTHER												
UNDER 15	5	0.4	4	0.1	0	0.0	0	0.0	2	0.5	0	0.0
15-17	75	5.6	103	3.6	11	1.6	2	3.6	32	7.7	18	4.5
18-19	169	12.6	202	7.1	54	8.0	4	7.3	52	12.5	37	9.3
20-24	463	34.5	792	27.8	242	35.9	17	30.9	140	33.7	139	34.8
25-29	379	28.2	1,088	38.2	229	34.0	19	34.5	124	29.9	116	29.1
30-34	183	13.6	496	17.4	108	16.0	11	20.0	44	10.6	73	18.3
35-39	53	3.9	139	4.9	27	4.0	2	3.6	19	4.6	14	3.5
40 AND OVER	7	0.5	26	0.9	2	0.3	0	0.0	2	0.5	2	0.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	LAWRENCE		LEWIS		LINCOLN		LINN		LIVINGSTON		HC DONALD	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	436	100.0	122	100.0	457	100.0	205	100.0	188	100.0	255	100.0
UNDER 2500 GRAMS	34	7.8	7	5.7	25	5.5	10	4.9	8	4.3	16	6.3
OVER 4499 GRAMS	9	2.1	2	1.6	6	1.3	2	1.0	3	1.6	3	1.2
CROWN HEEL LT 47 CM (<18.5 IN)	19	4.4	0	0.0	21	4.6	22	11.1	16	8.7	4	4.9
LESS THAN 37 WEEKS GESTATION	37	8.5	9	7.4	30	6.6	11	5.4	11	5.9	22	8.6
APGAR SCORE LESS THAN 8	3	0.7	2	1.6	9	2.0	6	2.9	3	1.6	4	1.6
CONGENITAL ANOMALIES	7	1.6	2	1.6	9	2.0	3	1.5	3	1.6	4	1.6
ABNORMAL CONDITIONS OF NEWBORN	23	5.3	10	8.2	43	9.4	17	8.3	6	3.2	5	2.0
INFANT TRANSFERS	1	0.2	0	0.0	11	2.4	7	3.4	6	3.2	2	0.8
MATERNAL TRANSFERS	12	2.8	1	0.8	12	2.6	10	4.9	5	2.7	4	1.6
HOME DELIVERIES	3	0.7	2	1.6	5	1.1	2	1.0	1	0.5	0	0.0
CESAREAN DELIVERIES	113	25.9	38	31.1	127	27.8	46	22.4	39	20.7	51	20.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	129	29.6	37	30.3	140	30.6	63	30.7	57	30.3	67	26.3
DRANK ALCOHOL DURING PREG	3	0.7	3	2.5	9	2.0	3	1.5	1	0.5	5	2.0
GT 15 PERCENT UNDERWEIGHT	43	10.0	1	11.1	43	9.6	16	8.1	16	8.6	9	11.1
GT 20 PERCENT OVERWEIGHT	113	26.2	1	11.1	100	22.3	57	28.9	46	24.9	25	30.9
GAINED LT 20 LBS DURING PREG	68	15.7	17	14.4	52	11.6	30	15.1	32	17.1	34	13.7
MATERNAL EDUCATION UNDER 12	115	26.4	19	15.6	80	17.5	42	20.5	39	20.7	95	37.3
OUT-OF-WEDLOCK BIRTHS	80	18.3	24	19.7	79	17.3	39	19.0	42	22.3	62	24.3
LIVE BIRTH ORDER 4 OR MORE	40	9.2	9	7.4	50	10.9	26	12.7	19	10.1	26	10.2
LT 18 MOS SINCE LAST BIRTH	25	9.7	8	11.0	34	12.6	18	13.6	22	17.9	18	14.0
PRENATAL CARE												
1ST TRIMESTER	333	76.4	89	73.0	352	77.0	160	78.0	160	85.1	198	77.6
2ND TRIMESTER	94	21.6	25	20.5	92	20.1	28	13.7	26	13.8	43	16.9
3RD TRIMESTER	8	1.8	5	4.1	10	2.2	10	4.9	1	0.5	7	2.7
NO PRENATAL CARE	1	0.2	1	0.8	1	0.2	2	1.0	1	0.5	4	1.6
INADEQUATE PRENATAL CARE	71	16.3	22	18.6	69	15.5	37	19.0	22	11.7	42	16.7
MOTHER MEDICAID PARTICIPANT	140	32.4	2	20.0	87	19.0	68	34.0	74	40.0	24	29.6
MOTHER WIC PARTICIPANT	186	43.1	3	30.0	111	24.3	75	37.5	88	47.6	33	40.7
MOTHER ON MEDICAID AND WIC	120	27.8	1	10.0	65	14.2	52	26.0	64	34.6	16	19.8
MOTHER FOOD STAMP RECIPIENT	74	17.1	1	10.0	49	10.7	43	21.5	44	23.8	11	13.6
AGE OF MOTHER												
UNDER 15	1	0.2	0	0.0	1	0.2	0	0.0	0	0.0	1	0.4
15-17	30	6.9	5	4.1	16	3.5	6	2.9	12	6.4	19	7.5
18-19	54	12.4	7	5.7	37	8.1	19	9.3	23	12.2	42	16.5
20-24	152	34.9	32	26.2	132	28.9	72	35.1	52	27.7	92	36.1
25-29	131	30.0	50	41.0	172	37.6	62	30.2	61	32.4	63	24.7
30-34	50	11.5	16	13.1	74	16.2	27	13.2	29	15.4	25	9.8
35-39	11	2.5	11	9.0	21	4.6	15	7.3	7	3.7	8	3.1
40 AND OVER	7	1.6	1	0.8	4	0.9	4	2.0	4	2.1	1	0.4

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	MACON		MADISON		MARIES		MARION		MERCER		MILLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	187	100.0	148	100.0	105	100.0	396	100.0	36	100.0	305	100.0
UNDER 2500 GRAMS	7	3.7	7	4.7	7	6.7	36	9.1	1	2.8	17	5.6
OVER 4499 GRAMS	3	1.6	2	1.4	2	1.9	7	1.8	1	2.8	3	1.0
CROWN HEEL LT 47 CM (<18.5 IN)	14	7.5	6	4.1	4	3.8	26	10.0	5	17.9	23	7.6
LESS THAN 37 WEEKS GESTATION	15	8.0	11	7.4	9	8.6	32	8.1	3	8.3	29	9.5
APGAR SCORE LESS THAN 8	7	3.7	2	1.4	9	8.6	11	2.8	0	0.0	16	5.2
CONGENITAL ANOMALIES	3	1.6	0	0.0	0	0.0	6	1.5	1	2.8	3	1.0
ABNORMAL CONDITIONS OF NEWBORN	15	8.0	7	4.7	7	6.7	14	3.5	2	5.6	20	6.6
INFANT TRANSFERS	6	3.2	5	3.4	5	4.8	2	0.5	1	2.8	5	1.6
MATERNAL TRANSFERS	3	1.6	3	2.0	1	1.0	9	2.3	2	5.6	10	3.3
HOME DELIVERIES	2	1.1	3	2.0	1	1.0	2	0.5	0	0.0	1	0.3
CESAREAN DELIVERIES	47	25.1	45	30.4	22	21.0	87	22.0	9	25.0	67	22.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	52	27.8	52	35.1	31	29.5	119	30.1	9	25.0	93	30.5
DRANK ALCOHOL DURING PREG	5	2.7	3	2.0	1	1.0	1	0.3	0	0.0	13	4.3
GT 15 PERCENT UNDERWEIGHT	21	11.5	15	10.6	12	11.4	28	10.8	1	3.6	27	9.0
GT 20 PERCENT OVERWEIGHT	47	25.7	52	36.6	24	22.9	54	20.8	7	25.0	73	24.4
GAINED LT 20 LBS DURING PREG	27	15.2	20	13.8	22	21.0	55	14.1	4	11.4	49	16.3
MATERNAL EDUCATION UNDER 12	37	19.8	50	33.8	19	18.1	91	23.0	4	11.1	95	31.1
OUT-OF-WEDLOCK BIRTHS	37	19.8	36	24.3	21	20.0	98	24.7	3	8.3	72	23.6
LIVE BIRTH ORDER 4 OR MORE	15	8.0	8	5.4	4	3.8	42	10.6	4	11.1	37	12.1
LT 18 MOS SINCE LAST BIRTH	8	7.5	4	4.6	4	6.9	27	11.0	3	13.0	35	18.6
PRENATAL CARE												
1ST TRIMESTER	125	66.8	107	72.3	68	64.8	305	77.0	31	86.1	212	69.5
2ND TRIMESTER	40	21.4	30	20.3	29	27.6	69	17.4	5	13.9	73	23.9
3RD TRIMESTER	14	7.5	9	6.1	6	5.7	17	4.3	0	0.0	14	4.6
NO PRENATAL CARE	1	0.5	1	0.7	2	1.9	5	1.3	0	0.0	1	0.3
INADEQUATE PRENATAL CARE	45	25.6	29	19.7	22	21.0	67	17.0	6	16.7	65	22.6
MOTHER MEDICAID PARTICIPANT	61	33.0	72	49.0	23	21.9	105	40.2	6	21.4	124	40.9
MOTHER WIC PARTICIPANT	96	51.9	105	71.4	30	28.6	102	39.1	13	46.4	119	39.3
MOTHER ON MEDICAID AND WIC	55	29.7	69	46.9	20	19.0	81	31.0	6	21.4	91	30.0
MOTHER FOOD STAMP RECIPIENT	31	16.8	45	30.6	21	20.0	72	27.6	5	17.9	70	23.1
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	1.0	1	0.3	0	0.0	0	0.0
15-17	3	1.6	6	4.1	2	1.9	18	4.5	3	8.3	18	5.9
18-19	19	10.2	20	13.5	9	8.6	39	9.8	4	11.1	35	11.5
20-24	64	34.2	53	35.8	38	36.2	123	31.1	6	16.7	117	38.4
25-29	66	35.3	46	31.1	35	33.3	128	32.3	12	33.3	71	23.3
30-34	24	12.8	18	12.2	16	15.2	66	16.7	10	27.8	47	15.4
35-39	10	5.3	5	3.4	4	3.8	15	3.8	1	2.8	11	3.6
40 AND OVER	1	0.5	0	0.0	0	0.0	6	1.5	0	0.0	6	2.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	MISSISSIPPI		MONITEAU		MONROE		MONTGOMERY		MORGAN		NEW MADRID	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	220	100.0	189	100.0	120	100.0	158	100.0	218	100.0	338	100.0
UNDER 2500 GRAMS	25	11.4	13	6.9	12	10.0	7	4.4	21	9.6	27	8.0
OVER 4499 GRAMS	2	0.9	2	1.1	1	0.8	3	1.9	3	1.4	2	0.6
CROWN HEEL LT 47 CM (<18.5 IN)	32	14.7	12	6.5	9	8.3	7	4.4	23	10.6	28	8.9
LESS THAN 37 WEEKS GESTATION	26	11.8	12	6.3	12	10.0	11	7.0	24	11.0	35	10.4
APGAR SCORE LESS THAN 8	8	3.6	5	2.6	6	5.0	3	1.9	13	6.0	17	5.0
CONGENITAL ANOMALIES	7	3.2	4	2.1	4	3.3	0	0.0	7	3.2	7	2.1
ABNORMAL CONDITIONS OF NEWBORN	17	7.7	9	4.8	6	5.0	7	4.4	13	6.0	43	12.7
INFANT TRANSFERS	12	5.5	0	0.0	3	2.5	0	0.0	3	1.4	10	3.0
MATERNAL TRANSFERS	9	4.1	4	2.1	8	6.7	4	2.5	7	3.2	3	0.9
HOME DELIVERIES	1	0.5	11	5.8	3	2.5	0	0.0	7	3.2	0	0.0
CESAREAN DELIVERIES	64	29.1	30	15.9	22	18.3	33	20.9	56	25.7	75	22.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	71	32.3	44	23.3	24	20.0	51	32.3	70	32.1	116	34.3
DRANK ALCOHOL DURING PREG	3	1.4	1	0.5	2	1.7	4	2.5	8	3.7	7	2.1
GT 15 PERCENT UNDERWEIGHT	37	17.1	14	7.4	10	9.3	15	9.6	16	7.5	41	13.0
GT 20 PERCENT OVERWEIGHT	46	21.2	47	25.0	24	22.2	40	25.6	50	23.4	88	27.8
GAINED LT 20 LBS DURING PREG	19	8.9	29	15.6	13	11.1	16	10.3	41	19.5	55	16.9
MATERNAL EDUCATION UNDER 12	85	38.6	63	33.3	15	12.5	46	29.1	90	41.3	125	37.0
OUT-OF-WEDLOCK BIRTHS	96	43.6	37	19.6	10	8.3	47	29.7	42	19.3	128	37.9
LIVE BIRTH ORDER 4 OR MORE	22	10.0	17	9.0	17	14.2	16	10.1	24	11.0	41	12.1
LT 18 MOS SINCE LAST BIRTH	22	15.1	12	10.5	6	8.7	11	11.2	24	19.4	24	11.7
PRENATAL CARE												
1ST TRIMESTER	111	50.5	125	66.1	96	80.0	110	69.6	151	69.3	183	54.1
2ND TRIMESTER	54	24.5	53	28.0	18	15.0	36	22.8	48	22.0	101	29.9
3RD TRIMESTER	23	10.5	6	3.2	3	2.5	7	4.4	10	4.6	31	9.2
NO PRENATAL CARE	21	9.5	1	0.5	3	2.5	3	1.9	3	1.4	15	4.4
INADEQUATE PRENATAL CARE	90	43.1	37	20.8	19	16.5	30	20.3	48	23.3	119	36.1
MOTHER MEDICAID PARTICIPANT	127	58.0	30	15.9	19	17.4	54	34.2	73	33.5	181	56.7
MOTHER WIC PARTICIPANT	133	60.7	71	37.6	38	34.9	65	41.1	103	47.2	204	63.9
MOTHER ON MEDICAID AND WIC	106	48.4	28	14.8	18	16.5	45	28.5	59	27.1	162	50.8
MOTHER FOOD STAMP RECIPIENT	93	42.5	15	7.9	11	10.1	34	21.5	39	17.9	124	38.9
AGE OF MOTHER												
UNDER 15	2	0.9	0	0.0	0	0.0	1	0.6	0	0.0	1	0.3
15-17	20	9.1	9	4.8	4	3.3	8	5.1	15	6.9	27	8.0
18-19	29	13.2	22	11.6	8	6.7	14	8.9	20	9.2	44	13.0
20-24	76	34.5	61	32.3	34	28.3	43	27.2	78	35.8	126	37.3
25-29	54	24.5	50	26.5	43	35.8	50	31.6	65	29.8	78	23.1
30-34	24	10.9	34	18.0	27	22.5	27	17.1	29	13.3	45	13.3
35-39	13	5.9	11	5.8	2	1.7	13	8.2	11	5.0	14	4.1
40 AND OVER	1	0.5	2	1.1	2	1.7	2	1.3	0	0.0	3	0.9

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	NEWTON		NODAWAY		OREGON		OSAGE		OZARK		PEMISCOT	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	601	100.0	246	100.0	106	100.0	155	100.0	108	100.0	444	100.0
UNDER 2500 GRAMS	25	4.2	13	5.3	8	7.5	4	2.6	3	2.8	49	11.0
OVER 4499 GRAMS	19	3.2	3	1.2	1	0.9	2	1.3	3	2.8	3	0.7
CROWN HEEL LT 47 CM (<18.5 IN)	20	3.5	12	5.2	5	5.1	8	5.2	4	5.1	45	14.0
LESS THAN 37 WEEKS GESTATION	46	7.7	17	6.9	8	7.5	6	3.9	7	6.5	62	14.0
APGAR SCORE LESS THAN 8	11	1.8	7	2.8	1	0.9	4	2.6	4	3.7	22	5.0
CONGENITAL ANOMALIES	9	1.5	5	2.0	1	0.9	0	0.0	1	0.9	12	2.7
ABNORMAL CONDITIONS OF NEWBORN	35	5.8	10	4.1	4	3.8	9	5.8	9	8.3	71	16.0
INFANT TRANSFERS	3	0.5	6	2.4	0	0.0	5	3.2	2	1.9	15	3.4
MATERNAL TRANSFERS	15	2.5	5	2.0	4	3.8	0	0.0	1	0.9	3	0.7
HOME DELIVERIES	2	0.3	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0
CESAREAN DELIVERIES	122	20.3	50	20.3	16	15.1	27	17.4	40	37.0	101	22.7
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	135	22.5	40	16.3	32	30.2	25	16.1	33	30.6	136	30.6
DRANK ALCOHOL DURING PREG	12	2.0	3	1.2	1	0.9	1	0.6	1	0.9	15	3.4
GT 15 PERCENT UNDERWEIGHT	67	11.7	17	7.4	11	11.3	15	9.7	4	5.1	37	11.6
GT 20 PERCENT OVERWEIGHT	124	21.7	43	18.8	24	24.7	38	24.7	21	26.6	99	30.9
GAINED LT 20 LBS DURING PREG	64	11.0	34	14.0	17	16.8	27	17.8	11	10.4	92	21.5
MATERNAL EDUCATION UNDER 12	158	26.3	18	7.3	31	29.2	16	10.3	29	26.9	218	49.1
OUT-OF-WEDLOCK BIRTHS	117	19.5	27	11.0	28	26.4	23	14.8	14	13.0	240	54.1
LIVE BIRTH ORDER 4 OR MORE	56	9.3	28	11.4	4	3.8	22	14.2	11	10.2	54	12.2
LT 18 MOS SINCE LAST BIRTH	46	13.6	12	7.9	8	16.0	11	11.3	8	11.6	71	26.5
PRENATAL CARE												
1ST TRIMESTER	412	68.6	216	87.8	76	71.7	124	80.0	77	71.3	284	64.0
2ND TRIMESTER	137	22.8	25	10.2	27	25.5	25	16.1	27	25.0	124	27.9
3RD TRIMESTER	39	6.5	2	0.8	2	1.9	3	1.9	0	0.0	27	6.1
NO PRENATAL CARE	11	1.8	2	0.8	1	0.9	2	1.3	1	0.9	7	1.6
INADEQUATE PRENATAL CARE	143	23.9	24	9.8	27	25.5	18	11.8	21	20.0	145	32.8
MOTHER MEDICAID PARTICIPANT	162	28.2	52	22.7	63	64.3	21	13.5	48	60.8	274	84.6
MOTHER WIC PARTICIPANT	241	42.0	82	35.8	77	78.6	26	16.8	55	69.6	294	90.7
MOTHER ON MEDICAID AND WIC	133	23.2	44	19.2	58	59.2	15	9.7	39	49.4	261	80.6
MOTHER FOOD STAMP RECIPIENT	86	15.0	31	13.5	38	38.8	11	7.1	25	31.6	232	71.6
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	4	0.9
15-17	33	5.5	2	0.8	6	5.7	4	2.6	4	3.7	59	13.3
18-19	60	10.0	22	8.9	24	22.6	19	12.3	8	7.4	82	18.5
20-24	193	32.1	74	30.1	37	34.9	32	20.6	38	35.2	158	35.6
25-29	182	30.3	82	33.3	25	23.6	59	38.1	36	33.3	89	20.0
30-34	84	14.0	45	18.3	10	9.4	29	18.7	14	13.0	39	8.8
35-39	38	6.3	19	7.7	3	2.8	10	6.5	6	5.6	9	2.0
40 AND OVER	5	0.8	2	0.8	1	0.9	2	1.3	1	0.9	4	0.9

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	PERRY		PETTIS		PHELPS		PIKE		PLATTE		POLK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	219	100.0	502	100.0	470	100.0	233	100.0	840	100.0	283	100.0
UNDER 2500 GRAMS	16	7.3	36	7.2	34	7.2	20	8.6	45	5.4	20	7.1
OVER 4499 GRAMS	9	4.1	8	1.6	5	1.1	3	1.3	13	1.5	8	2.8
CROWN HEEL LT 47 CM (<18.5 IN)	20	9.2	39	7.8	29	6.3	18	8.2	41	5.6	15	5.4
LESS THAN 37 WEEKS GESTATION	18	8.2	47	9.4	41	8.7	28	12.0	58	6.9	25	8.8
APGAR SCORE LESS THAN 8	7	3.2	22	4.4	31	6.6	8	3.4	22	2.6	6	2.1
CONGENITAL ANOMALIES	2	0.9	8	1.6	7	1.5	6	2.6	17	2.0	2	0.7
ABNORMAL CONDITIONS OF NEWBORN	10	4.6	39	7.8	19	4.0	18	7.7	36	4.3	14	4.9
INFANT TRANSFERS	8	3.7	7	1.4	8	1.7	8	3.4	16	1.9	2	0.7
MATERNAL TRANSFERS	1	0.5	13	2.6	14	3.0	9	3.9	17	2.0	6	2.1
HOME DELIVERIES	2	0.9	3	0.6	4	0.9	7	3.0	2	0.2	1	0.4
CESAREAN DELIVERIES	57	26.0	125	24.9	99	21.1	49	21.0	190	22.6	73	25.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	65	29.7	141	28.1	101	21.5	63	27.0	190	22.6	53	18.7
DRANK ALCOHOL DURING PREG	2	0.9	18	3.6	3	0.6	5	2.1	13	1.5	2	0.7
GT 15 PERCENT UNDERWEIGHT	20	9.3	53	10.8	48	10.3	22	10.1	70	8.6	28	10.0
GT 20 PERCENT OVERWEIGHT	43	20.0	126	25.7	93	19.9	60	27.5	146	17.8	79	28.1
GAINED LT 20 LBS DURING PREG	18	8.3	67	13.7	63	13.5	34	15.0	61	7.4	45	16.0
MATERNAL EDUCATION UNDER 12	45	20.5	98	19.5	110	23.4	62	26.6	151	18.0	48	17.0
OUT-OF-WEDLOCK BIRTHS	45	20.5	110	21.9	99	21.1	60	25.8	140	16.7	35	12.4
LIVE BIRTH ORDER 4 OR MORE	23	10.5	45	9.0	43	9.1	35	15.0	56	6.7	24	8.5
LT 18 MOS SINCE LAST BIRTH	15	11.5	32	10.5	41	15.6	23	16.0	37	8.4	16	9.9
PRENATAL CARE												
1ST TRIMESTER	181	82.6	406	80.9	324	68.9	157	67.4	726	86.4	206	72.8
2ND TRIMESTER	32	14.6	71	14.1	115	24.5	54	23.2	80	9.5	61	21.6
3RD TRIMESTER	4	1.8	12	2.4	28	6.0	14	6.0	13	1.5	10	3.5
NO PRENATAL CARE	2	0.9	4	0.8	2	0.4	2	0.9	12	1.4	6	2.1
INADEQUATE PRENATAL CARE	21	9.6	64	13.1	91	19.5	48	21.5	89	10.8	44	15.6
MOTHER MEDICAID PARTICIPANT	51	23.5	156	31.3	157	33.8	73	32.9	109	14.9	104	37.1
MOTHER WIC PARTICIPANT	90	41.5	210	42.2	194	41.8	89	40.1	113	15.5	106	37.9
MOTHER ON MEDICAID AND WIC	44	20.3	131	26.3	117	25.2	65	29.3	73	10.0	77	27.5
MOTHER FOOD STAMP RECIPIENT	31	14.3	98	19.7	99	21.3	42	18.9	69	9.4	67	23.9
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.2	0	0.0	0	0.0	1	0.1	0	0.0
15-17	12	5.5	18	3.6	11	2.3	16	6.9	25	3.0	6	2.1
18-19	20	9.1	49	9.8	58	12.3	17	7.3	54	6.4	20	7.1
20-24	69	31.5	172	34.3	141	30.0	71	30.5	186	22.1	110	38.9
25-29	75	34.2	135	26.9	161	34.3	77	33.0	295	35.1	93	32.9
30-34	31	14.2	96	19.1	70	14.9	36	15.5	203	24.2	43	15.2
35-39	9	4.1	29	5.8	25	5.3	12	5.2	70	8.3	9	3.2
40 AND OVER	3	1.4	2	0.4	3	0.6	4	1.7	6	0.7	2	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	PULASKI		PUTNAM		RALLS		RANDOLPH		RAY		REYNOLDS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	838	100.0	64	100.0	95	100.0	358	100.0	336	100.0	81	100.0
UNDER 2500 GRAMS	63	7.5	10	15.6	6	6.3	25	7.0	17	5.1	8	9.9
OVER 4499 GRAMS	12	1.4	1	1.6	2	2.1	9	2.5	10	3.0	1	1.2
CROWN HEEL LT 47 CM (<18.5 IN)	67	8.1	10	19.2	7	9.0	24	6.9	27	8.1	9	11.3
LESS THAN 37 WEEKS GESTATION	62	7.4	8	12.5	7	7.4	31	8.7	25	7.4	5	6.2
APGAR SCORE LESS THAN 8	38	4.5	4	6.3	3	3.2	16	4.5	8	2.4	2	2.5
CONGENITAL ANOMALIES	13	1.6	0	0.0	3	3.2	12	3.4	6	1.8	2	2.5
ABNORMAL CONDITIONS OF NEWBORN	45	5.4	8	12.5	2	2.1	26	7.3	10	3.0	6	7.4
INFANT TRANSFERS	26	3.1	2	3.1	0	0.0	7	2.0	3	0.9	2	2.5
MATERNAL TRANSFERS	24	2.9	4	6.3	1	1.1	10	2.8	11	3.3	2	2.5
HOME DELIVERIES	1	0.1	0	0.0	0	0.0	2	0.6	3	0.9	1	1.2
CESAREAN DELIVERIES	178	21.2	18	28.1	21	22.1	84	23.5	61	18.2	22	27.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	143	17.1	19	29.7	27	28.4	118	33.0	105	31.3	23	28.4
DRANK ALCOHOL DURING PREG	2	0.2	1	1.6	1	1.1	10	2.8	8	2.4	0	0.0
GT 15 PERCENT UNDERWEIGHT	83	10.0	11	21.2	5	6.4	33	9.6	36	11.0	8	10.1
GT 20 PERCENT OVERWEIGHT	151	18.2	10	19.2	18	23.1	91	26.5	79	24.2	16	20.3
GAINED LT 20 LBS DURING PREG	78	9.4	5	7.8	15	16.1	57	17.0	40	12.1	13	16.7
MATERNAL EDUCATION UNDER 12	119	14.2	10	15.6	13	13.7	92	25.7	73	21.7	19	23.5
OUT-OF-WEDLOCK BIRTHS	133	15.9	5	7.8	10	10.5	104	29.1	77	22.9	21	25.9
LIVE BIRTH ORDER 4 OR MORE	67	8.0	4	6.3	6	6.3	26	7.3	39	11.6	11	13.6
LT 18 MOS SINCE LAST BIRTH	53	11.0	3	7.7	6	10.7	26	14.3	25	12.1	5	10.6
PRENATAL CARE												
1ST TRIMESTER	701	83.7	48	75.0	79	83.2	241	67.3	260	77.4	50	61.7
2ND TRIMESTER	106	12.6	14	21.9	14	14.7	76	21.2	54	16.1	22	27.2
3RD TRIMESTER	26	3.1	2	3.1	2	2.1	24	6.7	9	2.7	5	6.2
NO PRENATAL CARE	3	0.4	0	0.0	0	0.0	4	1.1	5	1.5	3	3.7
INADEQUATE PRENATAL CARE	114	13.7	14	22.2	13	14.0	93	28.6	51	15.6	34	43.0
MOTHER MEDICAID PARTICIPANT	139	16.7	12	23.1	21	26.9	150	42.1	91	27.3	34	42.5
MOTHER WIC PARTICIPANT	313	37.6	20	38.5	31	39.7	181	50.8	108	32.4	39	48.8
MOTHER ON MEDICAID AND WIC	97	11.6	11	21.2	19	24.4	136	38.2	71	21.3	30	37.5
MOTHER FOOD STAMP RECIPIENT	96	11.5	8	15.4	19	24.4	100	28.1	48	14.4	18	22.5
AGE OF MOTHER												
UNDER 15	2	0.2	0	0.0	0	0.0	1	0.3	2	0.6	0	0.0
15-17	25	3.0	2	3.1	3	3.2	15	4.2	13	3.9	6	7.4
18-19	71	8.5	5	7.8	9	9.5	45	12.6	41	12.2	9	11.1
20-24	306	36.5	22	34.4	27	28.4	115	32.1	103	30.7	24	29.6
25-29	296	35.3	23	35.9	35	36.8	118	33.0	101	30.1	20	24.7
30-34	97	11.6	8	12.5	15	15.8	48	13.4	57	17.0	17	21.0
35-39	32	3.8	3	4.7	6	6.3	16	4.5	16	4.8	4	4.9
40 AND OVER	9	1.1	1	1.6	0	0.0	0	0.0	3	0.9	1	1.2

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	RIPLEY		ST. CHARLES		ST. CLAIR		ST. FRANCOIS		STE. GENEVIEVE		ST. LOUIS CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	170	100.0	3,887	100.0	103	100.0	655	100.0	206	100.0	8,436	100.0
UNDER 2500 GRAMS	14	8.2	209	5.4	7	6.8	43	6.6	9	4.4	959	11.4
OVER 4499 GRAMS	1	0.6	81	2.1	2	1.9	7	1.1	6	2.9	87	1.0
CROWN HEEL LT 47 CM (<18.5 IN)	19	11.8	152	4.0	10	9.8	44	6.7	7	3.5	914	11.0
LESS THAN 37 WEEKS GESTATION	19	11.2	290	7.5	8	7.8	52	7.9	16	7.8	1,304	15.5
APGAR SCORE LESS THAN 8	14	8.2	73	1.9	8	7.8	17	2.6	3	1.5	363	4.3
CONGENITAL ANOMALIES	2	1.2	76	2.0	0	0.0	10	1.5	7	3.4	67	0.8
ABNORMAL CONDITIONS OF NEWBORN	27	15.9	429	11.0	7	6.8	29	4.4	10	4.9	421	5.0
INFANT TRANSFERS	11	6.5	71	1.8	2	1.9	15	2.3	8	3.9	139	1.6
MATERNAL TRANSFERS	3	1.8	99	2.5	3	2.9	13	2.0	5	2.4	99	1.2
HOME DELIVERIES	0	0.0	19	0.5	1	1.0	1	0.2	0	0.0	71	0.8
CESAREAN DELIVERIES	37	21.8	1,171	30.1	29	28.2	165	25.2	54	26.2	1,475	17.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	59	34.7	876	22.5	28	27.2	221	33.7	51	24.8	2,258	26.8
DRANK ALCOHOL DURING PREG	1	0.6	110	2.8	1	1.0	8	1.2	1	0.5	230	2.7
GT 15 PERCENT UNDERWEIGHT	15	9.1	355	9.5	9	8.8	73	11.2	17	8.4	763	9.2
GT 20 PERCENT OVERWEIGHT	42	25.6	732	19.5	22	21.6	160	24.7	42	20.8	2,092	25.3
GAINED LT 20 LBS DURING PREG	37	22.3	397	10.5	15	14.7	108	16.6	17	8.4	1,429	17.5
MATERNAL EDUCATION UNDER 12	65	38.2	416	10.7	28	27.2	197	30.1	34	16.5	3,123	37.0
OUT-OF-WEDLOCK BIRTHS	53	31.2	507	13.0	25	24.3	172	26.3	35	17.0	5,467	64.8
LIVE BIRTH ORDER 4 OR MORE	19	11.2	324	8.3	10	9.7	38	5.8	16	7.8	1,373	16.3
LT 18 MOS SINCE LAST BIRTH	21	21.6	252	11.0	9	14.5	57	16.4	16	13.0	1,173	22.9
PRENATAL CARE												
1ST TRIMESTER	109	64.1	3,361	86.5	88	85.4	461	70.4	157	76.2	5,332	63.2
2ND TRIMESTER	46	27.1	406	10.4	12	11.7	159	24.3	42	20.4	2,186	25.9
3RD TRIMESTER	12	7.1	79	2.0	3	2.9	28	4.3	6	2.9	325	3.9
NO PRENATAL CARE	2	1.2	23	0.6	0	0.0	6	0.9	0	0.0	458	5.4
INADEQUATE PRENATAL CARE	53	32.3	404	10.5	11	10.7	121	18.5	34	16.6	2,764	33.5
MOTHER MEDICAID PARTICIPANT	110	66.3	379	9.8	54	52.9	255	39.1	46	22.4	4,728	56.3
MOTHER WIC PARTICIPANT	112	67.5	444	11.5	62	60.8	305	46.7	90	43.9	4,553	54.2
MOTHER ON MEDICAID AND WIC	93	56.0	255	6.6	50	49.0	206	31.5	38	18.5	3,658	43.6
MOTHER FOOD STAMP RECIPIENT	82	49.4	251	6.5	34	33.3	164	25.1	27	13.2	3,588	42.7
AGE OF MOTHER												
UNDER 15	2	1.2	3	0.1	0	0.0	4	0.6	1	0.5	58	0.7
15-17	18	10.6	85	2.2	8	7.8	38	5.8	7	3.4	848	10.1
18-19	25	14.7	185	4.8	13	12.6	79	12.1	12	5.8	1,030	12.2
20-24	48	28.2	803	20.7	33	32.0	231	35.3	62	30.1	2,513	29.8
25-29	45	26.5	1,494	38.4	23	22.3	199	30.4	71	34.5	2,131	25.3
30-34	24	14.1	1,005	25.9	22	21.4	78	11.9	45	21.8	1,320	15.6
35-39	6	3.5	271	7.0	3	2.9	23	3.5	7	3.4	460	5.5
40 AND OVER	2	1.2	41	1.1	1	1.0	3	0.5	1	0.5	74	0.9

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	ST. LOUIS CO		SALINE		SCHUYLER		SCOTLAND		SCOTT		SHANNON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	14,626	100.0	314	100.0	54	100.0	66	100.0	660	100.0	114	100.0
UNDER 2500 GRAMS	958	6.5	22	7.0	8	14.8	3	4.5	57	8.6	1	0.9
OVER 4499 GRAMS	250	1.7	0	0.0	2	3.7	3	4.5	11	1.7	3	2.6
CROWN HEEL LT 47 CM (<18.5 IN)	760	5.3	36	11.7	5	9.6	6	10.7	74	11.4	6	5.3
LESS THAN 37 WEEKS GESTATION	1,269	8.7	20	6.4	5	9.3	4	6.1	86	13.0	5	4.4
APGAR SCORE LESS THAN 8	355	2.4	9	2.9	3	5.6	5	7.6	30	4.5	2	1.8
CONGENITAL ANOMALIES	164	1.1	7	2.2	3	5.6	1	1.5	11	1.7	1	0.9
ABNORMAL CONDITIONS OF NEWBORN	493	3.4	23	7.3	9	16.7	9	13.6	34	5.2	5	4.4
INFANT TRANSFERS	166	1.1	10	3.2	2	3.7	1	1.5	21	3.2	3	2.6
MATERNAL TRANSFERS	162	1.1	28	8.9	2	3.7	2	3.0	20	3.0	2	1.8
HOME DELIVERIES	79	0.5	1	0.3	0	0.0	4	6.1	2	0.3	0	0.0
CESAREAN DELIVERIES	3,733	25.5	66	21.0	19	35.2	21	31.8	198	30.0	29	25.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	2,661	18.2	100	31.8	16	29.6	13	19.7	164	24.8	30	26.3
DRANK ALCOHOL DURING PREG	651	4.5	10	3.2	0	0.0	1	1.5	11	1.7	1	0.9
GT 15 PERCENT UNDERWEIGHT	1,250	9.0	25	8.1	1	2.0	4	7.3	70	10.7	12	10.6
GT 20 PERCENT OVERWEIGHT	2,606	18.8	82	26.7	15	29.4	14	25.5	155	23.7	27	23.9
GAINED LT 20 LBS DURING PREG	1,524	10.9	50	16.3	12	22.6	11	17.2	96	14.9	14	12.4
MATERNAL EDUCATION UNDER 12	1,623	11.1	91	29.0	7	13.0	16	24.2	187	28.3	34	29.8
OUT-OF-WEDLOCK BIRTHS	3,374	23.1	103	32.8	10	18.5	5	7.6	205	31.1	24	21.1
LIVE BIRTH ORDER 4 OR MORE	1,201	8.2	28	8.9	5	9.3	14	21.2	68	10.3	5	4.4
LT 18 MOS SINCE LAST BIRTH	919	11.0	25	13.9	5	14.7	6	14.0	56	14.5	5	8.6
PRENATAL CARE												
1ST TRIMESTER	12,704	86.9	226	72.0	47	87.0	53	80.3	435	65.9	81	71.1
2ND TRIMESTER	1,400	9.6	63	20.1	5	9.3	12	18.2	149	22.6	26	22.8
3RD TRIMESTER	202	1.4	16	5.1	2	3.7	0	0.0	39	5.9	6	5.3
NO PRENATAL CARE	157	1.1	6	1.9	0	0.0	1	1.5	27	4.1	1	0.9
INADEQUATE PRENATAL CARE	1,470	10.2	57	18.8	7	13.0	16	24.6	167	25.8	29	25.4
MOTHER MEDICAID PARTICIPANT	2,174	15.0	122	39.1	18	34.6	18	32.1	263	39.9	61	53.5
MOTHER WIC PARTICIPANT	2,728	18.8	136	43.6	24	46.2	28	50.0	315	47.8	77	67.5
MOTHER ON MEDICAID AND WIC	1,694	11.7	103	33.0	15	28.8	18	32.1	229	34.7	60	52.6
MOTHER FOOD STAMP RECIPIENT	1,429	9.9	71	22.8	13	25.0	15	26.8	175	26.6	44	38.6
AGE OF MOTHER												
UNDER 15	27	0.2	2	0.6	0	0.0	0	0.0	3	0.5	0	0.0
15-17	455	3.1	12	3.8	2	3.7	1	1.5	52	7.9	6	5.3
18-19	784	5.4	46	14.6	6	11.1	4	6.1	74	11.2	17	14.9
20-24	2,530	17.3	104	33.1	19	35.2	17	25.8	224	33.9	43	37.7
25-29	4,938	33.8	98	31.2	14	25.9	27	40.9	186	28.2	35	30.7
30-34	4,210	28.8	43	13.7	11	20.4	11	16.7	85	12.9	11	9.6
35-39	1,482	10.1	9	2.9	2	3.7	5	7.6	32	4.8	1	0.9
40 AND OVER	198	1.4	0	0.0	0	0.0	1	1.5	4	0.6	1	0.9

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	SHELBY		STODDARD		STONE		SULLIVAN		TANEY		TEXAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	69	100.0	373	100.0	202	100.0	87	100.0	310	100.0	261	100.0
UNDER 2500 GRAMS	3	4.3	26	7.0	11	5.4	3	3.4	11	3.5	12	4.6
OVER 4499 GRAMS	0	0.0	2	0.5	1	0.5	2	2.3	6	1.9	4	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	4	6.9	46	12.7	5	2.8	5	6.0	11	3.6	10	3.9
LESS THAN 37 WEEKS GESTATION	3	4.3	30	8.0	17	8.4	7	8.0	23	7.4	19	7.3
APGAR SCORE LESS THAN 8	3	4.3	20	5.4	2	1.0	4	4.6	9	2.9	10	3.8
CONGENITAL ANOMALIES	2	2.9	4	1.1	6	3.0	4	4.6	3	1.0	5	1.9
ABNORMAL CONDITIONS OF NEWBORN	3	4.3	37	9.9	6	3.0	11	12.6	20	6.5	11	4.2
INFANT TRANSFERS	1	1.4	12	3.2	0	0.0	7	8.0	5	1.6	2	0.8
MATERNAL TRANSFERS	1	1.4	8	2.1	6	3.0	5	5.7	10	3.2	10	3.8
HOME DELIVERIES	0	0.0	3	0.8	0	0.0	1	1.1	0	0.0	3	1.1
CESAREAN DELIVERIES	22	31.9	96	25.7	49	24.3	21	24.1	89	28.7	48	18.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	19	27.5	124	33.2	61	30.2	24	27.6	83	26.8	79	30.3
DRANK ALCOHOL DURING PREG	0	0.0	2	0.5	3	1.5	1	1.1	3	1.0	4	1.5
GT 15 PERCENT UNDERWEIGHT	5	8.8	45	12.5	14	7.8	12	14.3	38	12.5	23	8.9
GT 20 PERCENT OVERWEIGHT	17	29.8	88	24.4	43	24.0	18	21.4	71	23.4	54	21.0
GAINED LT 20 LBS DURING PREG	14	21.9	53	14.4	28	13.9	13	15.1	45	14.6	42	16.2
MATERNAL EDUCATION UNDER 12	12	17.4	111	29.8	51	25.2	22	25.3	66	21.3	88	33.7
OUT-OF-WEDLOCK BIRTHS	18	26.1	93	24.9	48	23.8	18	20.7	58	18.7	54	20.7
LIVE BIRTH ORDER 4 OR MORE	11	15.9	18	4.8	13	6.4	6	6.9	28	9.0	27	10.3
LT 18 MOS SINCE LAST BIRTH	4	9.1	27	13.1	9	8.2	9	18.4	23	13.7	22	13.8
PRENATAL CARE												
1ST TRIMESTER	46	66.7	249	66.8	149	73.8	65	74.7	214	69.0	177	67.8
2ND TRIMESTER	17	24.6	93	24.9	41	20.3	20	23.0	79	25.5	71	27.2
3RD TRIMESTER	5	7.2	25	6.7	5	2.5	1	1.1	12	3.9	12	4.6
NO PRENATAL CARE	0	0.0	5	1.3	7	3.5	1	1.1	5	1.6	0	0.0
INADEQUATE PRENATAL CARE	15	22.4	108	29.7	42	20.8	12	14.1	62	20.0	52	20.1
MOTHER MEDICAID PARTICIPANT	22	37.3	171	46.6	65	36.3	32	38.1	99	32.7	122	47.3
MOTHER WIC PARTICIPANT	36	61.0	209	56.9	83	46.4	50	59.5	118	38.9	169	65.5
MOTHER ON MEDICAID AND WIC	21	35.6	143	39.0	57	31.8	29	34.5	79	26.1	105	40.7
MOTHER FOOD STAMP RECIPIENT	18	30.5	93	25.3	26	14.5	16	19.0	46	15.2	78	30.2
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
15-17	2	2.9	27	7.2	10	5.0	5	5.7	15	4.8	15	5.7
18-19	5	7.2	66	17.7	21	10.4	10	11.5	30	9.7	41	15.7
20-24	23	33.3	107	28.7	74	36.6	34	39.1	95	30.6	91	34.9
25-29	21	30.4	117	31.4	66	32.7	24	27.6	94	30.3	73	28.0
30-34	11	15.9	36	9.7	24	11.9	9	10.3	56	18.1	29	11.1
35-39	5	7.2	15	4.0	4	2.0	5	5.7	17	5.5	9	3.4
40 AND OVER	2	2.9	4	1.1	3	1.5	0	0.0	2	0.6	2	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	VERNON		WARREN		WASHINGTON		WAYNE		WEBSTER		WORTH	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	261	100.0	301	100.0	302	100.0	149	100.0	338	100.0	37	100.0
UNDER 2500 GRAMS	20	7.7	20	6.6	25	8.3	9	6.0	20	5.9	2	5.4
OVER 4499 GRAMS	2	0.8	3	1.0	7	2.3	2	1.3	8	2.4	0	0.0
CROWN HEEL LT 47 CM (<18.5 IN)	13	6.1	15	5.0	21	7.0	11	7.5	17	5.1	2	5.6
LESS THAN 37 WEEKS GESTATION	25	9.6	21	7.0	29	9.6	10	6.7	25	7.4	1	2.7
APGAR SCORE LESS THAN 8	19	7.3	7	2.3	9	3.0	9	6.0	4	1.2	0	0.0
CONGENITAL ANOMALIES	1	0.4	6	2.0	7	2.3	3	2.0	2	0.6	1	2.7
ABNORMAL CONDITIONS OF NEWBORN	17	6.5	20	6.6	13	4.3	19	12.8	17	5.0	0	0.0
INFANT TRANSFERS	5	1.9	5	1.7	5	1.7	6	4.0	1	0.3	0	0.0
MATERNAL TRANSFERS	10	3.8	9	3.0	10	3.3	1	0.7	10	3.0	1	2.7
HOME DELIVERIES	0	0.0	3	1.0	1	0.3	0	0.0	41	12.1	0	0.0
CESAREAN DELIVERIES	61	23.4	79	26.2	91	30.1	37	24.8	89	26.3	4	10.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	76	29.1	90	29.9	96	32.5	62	41.6	81	24.0	4	10.8
DRANK ALCOHOL DURING PREG	3	1.1	9	3.0	4	1.3	0	0.0	20	5.9	0	0.0
GT 15 PERCENT UNDERWEIGHT	19	7.4	31	10.7	33	11.1	18	13.0	27	8.0	5	13.9
GT 20 PERCENT OVERWEIGHT	66	25.7	68	23.4	71	23.8	33	23.9	85	25.2	12	33.3
GAINED LT 20 LBS DURING PREG	44	17.7	43	14.8	40	13.4	19	13.5	46	13.7	7	18.9
MATERNAL EDUCATION UNDER 12	87	33.3	70	23.3	137	45.4	47	31.5	104	30.8	3	8.1
OUT-OF-WEDLOCK BIRTHS	70	26.8	67	22.3	108	35.8	44	29.5	45	13.3	6	16.2
LIVE BIRTH ORDER 4 OR MORE	22	8.4	37	12.3	30	9.9	14	9.4	50	14.8	3	8.1
LT 18 MOS SINCE LAST BIRTH	23	14.3	25	13.3	25	14.0	16	18.2	38	19.9	2	8.0
PRENATAL CARE												
1ST TRIMESTER	206	78.9	222	73.8	213	70.5	80	53.7	238	70.4	29	78.4
2ND TRIMESTER	47	18.0	59	19.6	81	26.8	51	34.2	63	18.6	7	18.9
3RD TRIMESTER	8	3.1	14	4.7	5	1.7	14	9.4	30	8.9	1	2.7
NO PRENATAL CARE	0	0.0	4	1.3	1	0.3	3	2.0	7	2.1	0	0.0
INADEQUATE PRENATAL CARE	36	13.8	70	23.6	51	17.0	63	43.4	82	24.3	7	18.9
MOTHER MEDICAID PARTICIPANT	123	57.5	57	19.1	163	54.0	91	61.1	84	24.9	19	52.8
MOTHER WIC PARTICIPANT	113	52.8	90	30.1	197	65.2	112	75.2	133	39.3	16	44.4
MOTHER ON MEDICAID AND WIC	90	42.1	48	16.1	140	46.4	79	53.0	70	20.7	13	36.1
MOTHER FOOD STAMP RECIPIENT	75	35.0	40	13.4	105	34.8	63	42.3	48	14.2	6	16.7
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	0	0.0
15-17	16	6.1	11	3.7	32	10.6	10	6.7	16	4.7	3	8.1
18-19	28	10.7	21	7.0	42	13.9	30	20.1	30	8.9	4	10.8
20-24	98	37.5	91	30.2	102	33.8	46	30.9	115	34.0	14	37.8
25-29	64	24.5	110	36.5	76	25.2	42	28.2	114	33.7	10	27.0
30-34	36	13.8	52	17.3	32	10.6	13	8.7	47	13.9	3	8.1
35-39	19	7.3	15	5.0	16	5.3	8	5.4	14	4.1	2	5.4
40 AND OVER	0	0.0	1	0.3	1	0.3	0	0.0	1	0.3	1	2.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1990

	WRIGHT	
	NUMBER	PERCENT
TOTAL LIVE BIRTHS	236	100.0
UNDER 2500 GRAMS	8	3.4
OVER 4499 GRAMS	4	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	8	3.4
LESS THAN 37 WEEKS GESTATION	15	6.4
APGAR SCORE LESS THAN 8	6	2.5
CONGENITAL ANOMALIES	6	2.5
ABNORMAL CONDITIONS OF NEWBORN	10	4.2
INFANT TRANSFERS	4	1.7
MATERNAL TRANSFERS	11	4.7
HOME DELIVERIES	3	1.3
CESAREAN DELIVERIES	48	20.3
MATERNAL RISK FACTORS		
SMOKED DURING PREGNANCY	66	28.0
DRANK ALCOHOL DURING PREG	3	1.3
GT 15 PERCENT UNDERWEIGHT	31	13.2
GT 20 PERCENT OVERWEIGHT	50	21.4
GAINED LT 20 LBS DURING PREG	42	17.9
MATERNAL EDUCATION UNDER 12	81	34.3
OUT-OF-WEDLOCK BIRTHS	52	22.0
LIVE BIRTH ORDER 4 OR MORE	24	10.2
LT 18 MOS SINCE LAST BIRTH	10	7.8
PRENATAL CARE		
1ST TRIMESTER	181	76.7
2ND TRIMESTER	45	19.1
3RD TRIMESTER	5	2.1
NO PRENATAL CARE	3	1.3
INADEQUATE PRENATAL CARE	32	13.7
MOTHER MEDICAID PARTICIPANT	108	46.0
MOTHER WIC PARTICIPANT	144	61.3
MOTHER ON MEDICAID AND WIC	93	39.6
MOTHER FOOD STAMP RECIPIENT	57	24.3
AGE OF MOTHER		
UNDER 15	0	0.0
15-17	12	5.1
18-19	50	21.2
20-24	74	31.4
25-29	60	25.4
30-34	24	10.2
35-39	16	6.8
40 AND OVER	0	0.0

TABLE 10C

RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION:

MISSOURI 1990

	BLUE SPRINGS		CAPE GIRARDEAU		COLUMBIA		FLORISSANT		GLADSTONE		INDEPENDENCE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	664	100.0	484	100.0	963	100.0	739	100.0	327	100.0	1,797	100.0
UNDER 2500 GRAMS	26	3.9	40	8.3	73	7.6	26	3.5	15	4.6	140	7.8
OVER 4499 GRAMS	10	1.5	11	2.3	8	0.8	15	2.0	7	2.1	42	2.3
CROWN HEEL LT 47 CM (<18.5 IN)	37	5.7	50	10.4	62	6.5	30	4.1	21	6.9	149	8.5
LESS THAN 37 WEEKS GESTATION	42	6.3	42	8.7	88	9.1	40	5.4	23	7.0	168	9.3
APGAR SCORE LESS THAN 8	18	2.7	21	4.3	28	2.9	12	1.6	11	3.4	57	3.2
CONGENITAL ANOMALIES	9	1.4	7	1.4	8	0.8	11	1.5	8	2.4	28	1.6
ABNORMAL CONDITIONS OF NEWBORN	22	3.3	31	6.4	48	5.0	15	2.0	14	4.3	90	5.0
INFANT TRANSFERS	7	1.1	9	1.9	4	0.4	9	1.2	4	1.2	28	1.6
MATERNAL TRANSFERS	24	3.6	9	1.9	8	0.8	6	0.8	7	2.1	100	5.6
HOME DELIVERIES	1	0.2	3	0.6	5	0.5	6	0.8	0	0.0	7	0.4
CESAREAN DELIVERIES	148	22.3	145	30.0	237	24.6	219	29.6	84	25.7	395	22.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	120	18.1	102	21.1	153	15.9	189	25.6	81	24.8	563	31.3
DRANK ALCOHOL DURING PREG	11	1.7	3	0.6	19	2.0	39	5.3	7	2.1	36	2.0
GT 15 PERCENT UNDERWEIGHT	55	8.5	65	13.5	96	10.7	60	8.5	26	8.3	196	11.2
GT 20 PERCENT OVERWEIGHT	95	14.7	102	21.2	164	18.3	125	17.7	59	18.8	372	21.2
GAINED LT 20 LBS DURING PREG	51	7.9	40	8.3	93	10.7	65	9.1	28	8.9	201	11.4
MATERNAL EDUCATION UNDER 12	76	11.4	89	18.4	119	12.4	58	7.8	40	12.2	405	22.5
OUT-OF-WEDLOCK BIRTHS	87	13.1	138	28.5	226	23.5	110	14.9	62	19.0	460	25.6
LIVE BIRTH ORDER 4 OR MORE	54	8.1	44	9.1	64	6.6	52	7.0	12	3.7	137	7.6
LT 18 MOS SINCE LAST BIRTH	46	11.7	36	12.5	60	12.5	33	7.7	20	11.8	121	12.5
PRENATAL CARE												
1ST TRIMESTER	590	88.9	376	77.7	790	82.0	674	91.2	285	87.2	1,417	78.9
2ND TRIMESTER	54	8.1	94	19.4	116	12.0	45	6.1	33	10.1	282	15.7
3RD TRIMESTER	17	2.6	10	2.1	28	2.9	12	1.6	3	0.9	61	3.4
NO PRENATAL CARE	1	0.2	4	0.8	7	0.7	5	0.7	1	0.3	12	0.7
INADEQUATE PRENATAL CARE	56	8.5	67	13.8	112	14.3	50	6.8	19	5.9	280	16.0
MOTHER MEDICAID PARTICIPANT	78	12.1	143	29.7	230	24.0	49	6.7	37	12.3	499	28.5
MOTHER WIC PARTICIPANT	73	11.3	127	26.3	278	29.0	77	10.6	47	15.7	517	29.5
MOTHER ON MEDICAID AND WIC	47	7.3	96	19.9	177	18.5	30	4.1	27	9.0	373	21.3
MOTHER FOOD STAMP RECIPIENT	45	7.0	78	16.2	169	17.6	19	2.6	26	8.7	318	18.2
AGE OF MOTHER												
UNDER 15	0	0.0	2	0.4	1	0.1	0	0.0	0	0.0	6	0.3
15-17	18	2.7	32	6.6	24	2.5	21	2.8	5	1.5	94	5.2
18-19	52	7.8	48	9.9	50	5.2	26	3.5	22	6.7	198	11.0
20-24	141	21.2	122	25.2	245	25.4	141	19.1	79	24.2	511	28.4
25-29	247	37.2	149	30.8	320	33.2	294	39.8	104	31.8	594	33.1
30-34	146	22.0	96	19.8	227	23.6	202	27.3	85	26.0	299	16.6
35-39	54	8.1	31	6.4	83	8.6	50	6.8	27	8.3	81	4.5
40 AND OVER	6	0.9	4	0.8	12	1.2	5	0.7	5	1.5	13	0.7

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	JEFFERSON CITY		JOPLIN		KANSAS CITY TOTAL		KANSAS CITY CASS COUNTY		KANSAS CITY CLAY COUNTY		KANSAS CITY JACKSON COUNTY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	517	100.0	739	100.0	7,963	100.0	0	--	1,085	100.0	6,478	100.0
UNDER 2500 GRAMS	31	6.0	36	4.9	717	9.0	0	--	61	5.6	637	9.8
OVER 4499 GRAMS	8	1.5	16	2.2	84	1.1	0	--	15	1.4	65	1.0
CROWN HEEL LT 47 CM (<18.5 IN)	32	6.3	23	3.2	661	9.0	0	--	45	4.4	595	10.0
LESS THAN 37 WEEKS GESTATION	38	7.4	49	6.6	945	11.9	0	--	87	8.0	831	12.8
APGAR SCORE LESS THAN 8	18	3.5	10	1.4	313	3.9	0	--	40	3.7	262	4.0
CONGENITAL ANOMALIES	6	1.2	5	0.7	114	1.4	0	--	16	1.5	96	1.5
ABNORMAL CONDITIONS OF NEWBORN	39	7.5	45	6.1	292	3.7	0	--	40	3.7	240	3.7
INFANT TRANSFERS	8	1.5	9	1.2	115	1.4	0	--	14	1.3	98	1.5
MATERNAL TRANSFERS	22	4.3	13	1.8	934	11.7	0	--	35	3.2	893	13.8
HOME DELIVERIES	1	0.2	3	0.4	35	0.4	0	--	2	0.2	31	0.5
CESAREAN DELIVERIES	107	20.7	137	18.5	1,493	18.7	0	--	246	22.7	1,163	18.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	139	26.9	200	27.1	1,854	23.3	0	--	227	20.9	1,552	24.0
DRANK ALCOHOL DURING PREG	19	3.7	22	3.0	312	3.9	0	--	19	1.8	290	4.5
GT 15 PERCENT UNDERWEIGHT	40	8.0	90	12.4	742	9.9	0	--	88	8.4	618	10.2
GT 20 PERCENT OVERWEIGHT	108	21.5	146	20.2	1,655	22.1	0	--	200	19.2	1,387	22.9
GAINED LT 20 LBS DURING PREG	72	14.4	76	10.4	920	12.5	0	--	101	9.6	795	13.4
MATERNAL EDUCATION UNDER 12	78	15.1	192	26.0	2,098	26.3	0	--	155	14.3	1,886	29.1
OUT-OF-WEDLOCK BIRTHS	122	23.6	199	26.9	3,552	44.6	0	--	174	16.0	3,326	51.3
LIVE BIRTH ORDER 4 OR MORE	43	8.3	56	7.6	913	11.5	0	--	60	5.5	830	12.8
LT 18 MOS SINCE LAST BIRTH	21	7.0	60	15.1	831	19.6	0	--	70	12.3	746	21.1
PRENATAL CARE												
1ST TRIMESTER	392	75.8	554	75.0	5,807	72.9	0	--	931	85.8	4,511	69.6
2ND TRIMESTER	84	16.2	143	19.4	1,366	17.2	0	--	104	9.6	1,238	19.1
3RD TRIMESTER	19	3.7	31	4.2	313	3.9	0	--	26	2.4	282	4.4
NO PRENATAL CARE	6	1.2	10	1.4	220	2.8	0	--	9	0.8	208	3.2
INADEQUATE PRENATAL CARE	81	16.9	138	18.7	1,646	22.3	0	--	92	8.7	1,529	25.7
MOTHER MEDICAID PARTICIPANT	116	22.5	258	35.6	2,746	37.4	0	--	120	11.7	2,583	43.4
MOTHER WIC PARTICIPANT	115	22.3	308	42.5	3,110	42.4	0	--	175	17.1	2,890	48.6
MOTHER ON MEDICAID AND WIC	83	16.1	215	29.7	2,158	29.4	0	--	92	9.0	2,038	34.3
MOTHER FOOD STAMP RECIPIENT	79	15.3	165	22.8	2,058	28.0	0	--	70	6.8	1,964	33.0
AGE OF MOTHER												
UNDER 15	1	0.2	4	0.5	42	0.5	0	--	1	0.1	41	0.6
15-17	16	3.1	38	5.1	547	6.9	0	--	40	3.7	498	7.7
18-19	35	6.8	79	10.7	852	10.7	0	--	71	6.5	758	11.7
20-24	151	29.2	236	31.9	2,221	27.9	0	--	234	21.6	1,907	29.4
25-29	149	28.8	213	28.8	2,288	28.7	0	--	435	40.1	1,700	26.2
30-34	121	23.4	120	16.2	1,456	18.3	0	--	235	21.7	1,125	17.4
35-39	38	7.4	38	5.1	490	6.2	0	--	60	5.5	393	6.1
40 AND OVER	6	1.2	7	0.9	66	0.8	0	--	9	0.8	55	0.8

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	KANSAS CITY PLATTE COUNTY		KIRKWOOD		LEES SUMMIT		MARYLAND HGTS		RAYTOWN		ST. CHARLES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	400	100.0	374	100.0	781	100.0	433	100.0	396	100.0	1,184	100.0
UNDER 2500 GRAMS	19	4.8	23	6.1	39	5.0	19	4.4	15	3.8	64	5.4
OVER 4499 GRAMS	4	1.0	5	1.3	22	2.8	4	0.9	8	2.0	22	1.9
CROWN HEEL LT 47 CM (<18.5 IN)	21	5.7	17	4.5	45	6.3	12	2.8	18	4.9	42	3.6
LESS THAN 37 WEEKS GESTATION	27	6.8	29	7.8	56	7.2	29	6.7	33	8.3	107	9.0
APGAR SCORE LESS THAN 8	11	2.8	0	0.0	25	3.2	8	1.8	12	3.0	27	2.3
CONGENITAL ANOMALIES	2	0.5	1	0.3	10	1.3	6	1.4	2	0.5	25	2.1
ABNORMAL CONDITIONS OF NEWBORN	12	3.0	7	1.9	34	4.4	14	3.2	16	4.0	164	13.9
INFANT TRANSFERS	3	0.8	0	0.0	10	1.3	2	0.5	1	0.3	18	1.5
MATERNAL TRANSFERS	6	1.5	1	0.3	14	1.8	5	1.2	12	3.0	44	3.7
HOME DELIVERIES	2	0.5	2	0.5	2	0.3	2	0.5	1	0.3	10	0.8
CESAREAN DELIVERIES	84	21.0	90	24.1	173	22.2	120	27.7	86	21.7	358	30.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	75	18.8	47	12.6	131	16.8	85	19.6	114	28.8	296	25.0
DRANK ALCOHOL DURING PREG	3	0.8	35	9.4	22	2.8	16	3.7	18	4.5	36	3.0
GT 15 PERCENT UNDERWEIGHT	36	9.2	27	7.7	76	10.0	43	10.4	35	9.2	123	10.7
GT 20 PERCENT OVERWEIGHT	68	17.3	45	12.8	124	16.3	64	15.5	81	21.3	222	19.4
GAINED LT 20 LBS DURING PREG	24	6.1	28	8.0	80	10.5	34	8.3	42	11.0	133	11.5
MATERNAL EDUCATION UNDER 12	57	14.3	18	4.8	92	11.8	46	10.6	52	13.1	154	13.0
OUT-OF-WEDLOCK BIRTHS	52	13.0	49	13.1	73	9.3	88	20.3	72	18.2	202	17.1
LIVE BIRTH ORDER 4 OR MORE	23	5.8	28	7.5	55	7.0	23	5.3	17	4.3	80	6.8
LT 18 MOS SINCE LAST BIRTH	15	7.4	10	4.9	41	9.2	24	10.2	17	8.5	67	10.0
PRENATAL CARE												
1ST TRIMESTER	365	91.3	344	92.0	698	89.4	381	88.0	350	88.4	996	84.1
2ND TRIMESTER	24	6.0	18	4.8	56	7.2	39	9.0	33	8.3	148	12.5
3RD TRIMESTER	5	1.3	3	0.8	16	2.0	5	1.2	8	2.0	28	2.4
NO PRENATAL CARE	3	0.8	1	0.3	2	0.3	3	0.7	1	0.3	12	1.0
INADEQUATE PRENATAL CARE	25	6.3	18	4.9	58	7.6	39	9.1	31	8.0	145	12.3
MOTHER MEDICAID PARTICIPANT	43	11.7	29	7.8	79	11.1	49	11.3	40	10.8	144	12.3
MOTHER WIC PARTICIPANT	45	12.2	36	9.6	62	8.7	65	15.0	45	12.2	174	14.9
MOTHER ON MEDICAID AND WIC	28	7.6	21	5.6	44	6.2	38	8.8	24	6.5	104	8.9
MOTHER FOOD STAMP RECIPIENT	24	6.5	16	4.3	43	6.0	37	8.5	19	5.1	106	9.1
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
15-17	9	2.3	8	2.1	14	1.8	18	4.2	8	2.0	34	2.9
18-19	23	5.8	15	4.0	34	4.4	16	3.7	20	5.1	59	5.0
20-24	80	20.0	28	7.5	143	18.3	80	18.5	105	26.5	288	24.3
25-29	153	38.3	134	35.8	307	39.3	162	37.4	151	38.1	468	39.5
30-34	96	24.0	132	35.3	222	28.4	124	28.6	83	21.0	258	21.8
35-39	37	9.3	52	13.9	59	7.6	27	6.2	25	6.3	64	5.4
40 AND OVER	2	0.5	5	1.3	2	0.3	6	1.4	3	0.8	12	1.0

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	ST. JOSEPH		ST. LOUIS CITY		ST. PETERS		SPRINGFIELD		UNIVERSITY CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,102	100.0	8,436	100.0	681	100.0	2,007	100.0	705	100.0
UNDER 2500 GRAMS	74	6.7	959	11.4	34	5.0	131	6.5	59	8.4
OVER 4499 GRAMS	14	1.3	87	1.0	15	2.2	26	1.3	8	1.1
CROWN HEEL LT 47 CM (<18.5 IN)	49	4.5	914	11.0	26	3.8	93	4.6	55	8.0
LESS THAN 37 WEEKS GESTATION	92	8.3	1,304	15.5	45	6.6	167	8.3	88	12.5
APGAR SCORE LESS THAN 8	21	1.9	363	4.3	8	1.2	48	2.4	21	3.0
CONGENITAL ANOMALIES	19	1.7	67	0.8	9	1.3	28	1.4	17	2.4
ABNORMAL CONDITIONS OF NEWBORN	24	2.2	421	5.0	56	8.2	90	4.5	30	4.3
INFANT TRANSFERS	11	1.0	139	1.6	12	1.8	2	0.1	14	2.0
MATERNAL TRANSFERS	14	1.3	99	1.2	14	2.1	60	3.0	2	0.3
HOME DELIVERIES	7	0.6	71	0.8	4	0.6	8	0.4	2	0.3
CESAREAN DELIVERIES	138	12.5	1,475	17.5	205	30.1	526	26.2	170	24.1
MATERNAL RISK FACTORS										
SMOKED DURING PREGNANCY	376	34.1	2,258	26.8	124	18.2	564	28.1	99	14.0
DRANK ALCOHOL DURING PREG	18	1.6	230	2.7	13	1.9	30	1.5	28	4.0
GT 15 PERCENT UNDERWEIGHT	93	8.6	763	9.2	57	8.7	242	12.1	55	8.2
GT 20 PERCENT OVERWEIGHT	270	25.0	2,092	25.3	126	19.2	411	20.6	145	21.5
GAINED LT 20 LBS DURING PREG	211	19.9	1,429	17.5	69	10.5	267	13.4	71	10.4
MATERNAL EDUCATION UNDER 12	276	25.0	3,123	37.0	41	6.0	406	20.2	77	10.9
OUT-OF-WEDLOCK BIRTHS	340	30.9	5,467	64.8	65	9.5	529	26.4	258	36.6
LIVE BIRTH ORDER 4 OR MORE	77	7.0	1,373	16.3	55	8.1	143	7.1	69	9.8
LT 18 MOS SINCE LAST BIRTH	109	16.3	1,173	22.5	41	10.1	146	13.0	51	13.0
PRENATAL CARE										
1ST TRIMESTER	842	76.4	5,332	63.2	612	89.9	1,575	78.5	559	79.3
2ND TRIMESTER	222	20.1	2,186	25.9	53	7.8	341	17.0	112	15.9
3RD TRIMESTER	20	1.8	325	3.9	9	1.3	56	2.8	15	2.1
NO PRENATAL CARE	2	0.2	458	5.4	2	0.3	32	1.6	13	1.8
INADEQUATE PRENATAL CARE	210	20.0	2,764	33.5	51	7.6	285	14.2	103	14.8
MOTHER MEDICAID PARTICIPANT	420	38.5	4,728	56.3	34	5.0	726	36.2	186	26.8
MOTHER WIC PARTICIPANT	368	33.8	4,553	54.2	48	7.1	812	40.5	212	30.5
MOTHER ON MEDICAID AND WIC	312	28.6	3,658	43.6	26	3.8	600	29.9	146	21.0
MOTHER FOOD STAMP RECIPIENT	292	26.8	3,588	42.7	16	2.4	494	24.7	125	18.0
AGE OF MOTHER										
UNDER 15	1	0.1	58	0.7	1	0.1	0	0.0	2	0.3
15-17	55	5.0	848	10.1	12	1.8	68	3.4	30	4.3
18-19	132	12.0	1,030	12.2	21	3.1	199	9.9	46	6.5
20-24	378	34.3	2,513	29.8	102	15.0	664	33.1	120	17.0
25-29	323	29.3	2,131	25.3	272	39.9	631	31.4	215	30.5
30-34	156	14.2	1,320	15.6	214	31.4	327	16.3	186	26.4
35-39	55	5.0	460	5.5	50	7.3	104	5.2	86	12.2
40 AND OVER	2	0.2	74	0.9	9	1.3	14	0.7	20	2.8

TABLE 11

RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1990

	TOTAL PREGNANCIES			ABORTIONS				TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19		UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
STATE TOTAL	15,817	5,818	9,999	4,306	1,632	2,674							
ADAIR	39	12	27	9	1	8	DAVIESS	26	7	19	4	1	3
ANDREW	34	8	26	4	1	3	DE KALB	19	8	11	7	4	3
ATCHISON	9	0	9	1	0	1	DENT	33	7	26	4	1	3
AUDRAIN	53	21	32	8	4	4	DOUGLAS	44	19	25	6	2	4
BARRY	95	27	68	13	8	5	DUNKLIN	145	55	90	16	7	9
BARTON	25	7	18	2	0	2	FRANKLIN	218	73	145	36	14	22
BATES	36	11	25	4	2	2	GASCONADE	29	8	21	5	1	4
BENTON	35	9	26	6	1	5	GENTRY	14	6	8	2	2	0
BOLLINGER	37	12	25	4	1	3	GREENE	536	150	386	191	57	134
BOONE	264	64	200	124	22	102	GRUNDY	33	8	25	4	1	3
BUCHANAN	276	96	180	71	36	35	HARRISON	18	6	12	5	2	3
BUTLER	133	48	85	17	8	9	HENRY	61	17	44	14	6	8
CALDWELL	23	11	12	3	2	1	HICKORY	16	7	9	2	2	0
CALLAWAY	88	33	55	21	8	13	HOLT	11	1	10	0	0	0
CAMDEN	50	15	35	13	6	7	HOWARD	24	7	17	4	2	2
CAPE GIRARDEAU	170	65	105	38	12	26	HOWELL	87	23	64	6	4	2
CARROLL	28	9	19	2	1	1	IRON	34	12	22	3	1	2
CARTER	21	5	16	1	1	0	JACKSON	2,715	1,084	1,631	853	362	491
CASS	180	78	102	60	32	28	JASPER	298	100	198	44	19	25
CEDAR	34	9	25	6	0	6	JEFFERSON	407	131	276	97	24	73
CHARITON	8	3	5	3	1	2	JOHNSON	111	19	92	44	8	36
CHRISTIAN	77	29	48	21	11	10	KNOX	6	2	4	0	0	0
CLARK	12	5	7	0	0	0	LACLEDE	92	37	55	6	3	3
CLAY	386	132	254	146	59	87	LAFAYETTE	72	25	47	17	7	10
CLINTON	33	6	27	9	3	6	LAWRENCE	108	40	68	23	9	14
COLE	139	49	90	47	19	28	LEWIS	12	5	7	0	0	0
COOPER	33	14	19	7	2	5	LINCOLN	71	21	50	16	3	13
CRAWFORD	49	19	30	8	3	5	LINN	34	13	21	9	7	2
DADE	13	5	8	4	3	1	LIVINGSTON	50	19	31	15	7	8
DALLAS	36	17	19	6	5	1	MC DONALD	69	22	47	6	1	5

TABLE 11(CONT) RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1990

	TOTAL PREGNANCIES			ABORTIONS				TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19		UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
MACON	30	6	24	8	3	5	RIPLEY	53	22	31	7	2	5
MADISON	30	9	21	4	3	1	ST. CHARLES	403	140	263	128	51	77
MARIES	13	4	9	1	1	0	ST. CLAIR	22	9	13	1	1	0
MARION	60	20	40	2	1	1	ST. FRANCOIS	145	50	95	20	8	12
MERCER	8	3	5	1	0	1	STE. GENEVIEVE	22	8	14	2	0	2
MILLER	67	26	41	14	8	6	ST. LOUIS CITY	2,580	1,156	1,424	628	241	387
MISSISSIPPI	60	24	36	9	2	7	ST. LOUIS COUNTY	2,288	837	1,451	1,008	346	662
MONITEAU	35	10	25	4	1	3	SALINE	77	23	54	16	8	8
MONROE	13	5	8	1	1	0	SCHUYLER	8	2	6	0	0	0
MONTGOMERY	27	13	14	4	4	0	SCOTLAND	5	1	4	0	0	0
MORGAN	39	18	21	4	3	1	SCOTT	146	63	83	16	8	8
NEW MADRID	83	32	51	11	4	7	SHANNON	25	6	19	2	0	2
NEWTON	105	38	67	11	5	6	SHELBY	9	3	6	2	1	1
NODAWAY	41	9	32	17	7	10	STODDARD	108	32	76	14	5	9
OREGON	34	10	24	3	3	0	STONE	41	14	27	10	4	6
OSAGE	25	4	21	2	0	2	SULLIVAN	16	6	10	1	1	0
OZARK	16	6	10	3	1	2	TANEY	64	23	41	18	7	11
PEMISCOT	156	69	87	9	5	4	TEXAS	61	16	45	5	1	4
PERRY	41	14	27	9	2	7	VERNON	51	18	33	7	2	5
PETTIS	88	27	61	20	8	12	WARREN	41	14	27	8	2	6
PHELPS	84	14	70	14	2	12	WASHINGTON	81	38	43	6	5	1
PIKE	43	22	21	10	6	4	WAYNE	42	11	31	2	1	1
PLATTE	129	44	85	48	18	30	WEBSTER	63	20	43	16	3	13
POLK	38	10	28	11	4	7	WORTH	8	4	4	1	1	0
PULASKI	130	44	86	31	17	14	WRIGHT	67	14	53	4	2	2
PUTNAM	7	2	5	0	0	0							
RALLS	13	3	10	1	0	1							
RANDOLPH	76	19	57	15	3	12							
RAY	64	19	45	8	4	4							
REYNOLDS	16	7	9	1	1	0							

Graph D

Resident Abortion Ratios per 1,000 Live Births

Missouri 1971-1990



	Recorded Abortions	Resident Abortions	Resident Abortion Ratio		Recorded Abortions	Resident Abortions	Resident Abortion Ratio		Recorded Abortions	Resident Abortions	Resident Abortion Ratio
1971	NA	4,582	58.5	1978	15,546	17,785	244.8	1985	19,482	19,210	250.5
1972	NA	6,943	95.8	1979	17,787	21,267	279.6	1986	19,039	18,824	250.6
1973	NA	8,589	125.2	1980	19,043	21,671	275.8	1987	17,574	17,518	234.1
1974	NA	10,486	151.1	1981	18,604	20,738	270.2	1988	17,382	18,379	241.5
1975	10,245	11,077	161.8	1982	19,226	20,380	265.9	1989	17,495	18,639	239.7
1976	12,885	13,869	201.6	1983	19,199	20,024	265.2	1990	16,366	17,947	226.8
1977	13,533	14,762	202.3	1984	20,204	20,037	269.2				

Source: 1971-1974 Centers for Disease Control; 1975-1990 Missouri Center for Health Statistics

TABLE 12

RESIDENT ABORTIONS BY RACE, AGE OF WOMAN AND TYPE OF PROCEDURE BY WEEKS OF GESTATION: MISSOURI 1990

RACE	WEEKS OF GESTATION								UNKNOWN
	TOTAL	UNDER 9	9-10	11-12	13-14	15-16	17-20	21 AND OVER	
TOTAL	17,947	7,230	5,544	2,929	1,057	484	524	129	50
WHITE	11,765	5,280	3,578	1,693	567	251	306	83	7
BLACK	5,767	1,780	1,851	1,188	473	224	206	43	2
OTHER	340	156	109	44	13	8	9	1	0
UNKNOWN	75	14	6	4	4	1	3	2	41
AGE									
TOTAL	17,947	7,230	5,544	2,929	1,057	484	524	129	50
UNDER 15	172	44	57	37	19	4	7	4	0
15	326	93	97	69	28	20	15	3	1
16	498	165	143	96	43	22	22	3	4
17	636	182	198	135	51	23	34	12	1
18	1,235	373	414	219	102	54	51	18	4
19	1,439	480	460	268	104	60	51	14	2
20-24	5,946	2,284	1,870	1,023	384	160	168	38	19
25-29	3,853	1,658	1,209	591	190	80	96	18	11
30-34	2,359	1,183	658	331	91	34	44	13	5
35-39	1,197	619	349	132	36	21	32	5	3
40 AND OVER	285	149	89	27	9	6	4	1	0
UNKNOWN	1	0	0	1	0	0	0	0	0
TYPE OF PROCEDURE									
TOTAL	17,947	7,230	5,544	2,929	1,057	484	524	129	50
CURETTAGE	16,651	7,162	5,456	2,801	890	205	84	17	36
INTRAUTERINE SALINE INSTILLATION	0	0	0	0	0	0	0	0	0
INTRAUTERINE PROSTAGLANDIN INSTILLATION	23	0	0	1	1	4	6	8	3
HYSTEROTOMY/HYSTERECTOMY	0	0	0	0	0	0	0	0	0
LAMINARIA D & E	1,185	43	57	116	158	274	433	104	0
OTHER	49	16	15	8	3	0	0	0	7
UNKNOWN	39	9	16	3	5	1	1	0	4

NOTE: WEEKS OF GESTATION IS COMPUTED FROM DATE OF LAST NORMAL MENSES UNLESS THE RESULT IS UNKNOWN OR ILLOGICAL;
THEN THE CLINICAL ESTIMATE OF GESTATION IS USED.

TABLE 13

RESIDENT ABORTIONS BY AGE, MARITAL STATUS, AND EDUCATION, BY RACE: MISSOURI 1990

AGE	TOTAL	RACE			
		WHITE	BLACK	OTHER	UNKNOWN
TOTAL	17,947	11,765	5,767	340	75
UNDER 15	172	76	96	0	0
15	326	185	136	3	2
16	498	327	162	5	4
17	636	410	219	6	1
18	1,235	836	383	9	7
19	1,439	950	468	18	3
20-24	5,946	3,867	1,961	88	30
25-29	3,853	2,494	1,270	77	12
30-34	2,359	1,580	692	75	12
35-39	1,197	819	328	47	3
40 AND OVER	285	220	52	12	1
UNKNOWN	1	1	0	0	0
MARITAL STATUS					
TOTAL	17,947	11,765	5,767	340	75
NEVER MARRIED	9,286	5,188	3,977	102	19
CURRENTLY MARRIED	3,817	2,771	853	182	11
FORMERLY MARRIED	1,928	1,581	331	13	3
UNMARRIED, UNSPECIFIED	2,687	2,121	529	36	1
UNKNOWN	229	104	77	7	41
YEARS OF EDUCATION					
TOTAL	17,947	11,765	5,767	340	75
0-8	342	186	144	11	1
9-11	3,270	2,194	1,037	35	4
12	8,189	5,265	2,823	94	7
13-15	3,977	2,669	1,247	53	8
16 OR MORE	1,728	1,259	358	109	2
UNKNOWN	441	192	158	38	53

TABLE 14A

RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY COUNTY OF RESIDENCE: MISSOURI 1990

COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO
STATE TOTAL	17,947	226.8	GRUNDY	14	103.7	PETTIS	71	141.4
ADAIR	34	118.9	HARRISON	9	103.4	PHELPS	46	97.9
ANDREW	11	61.1	HENRY	31	127.0	PIKE	20	85.8
ATCHISON	1	12.0	HICKORY	9	125.0	PLATTE	172	204.8
AUDRAIN	37	113.8	HOLT	5	64.1	POLK	30	106.0
BARRY	36	95.2	HOWARD	18	148.8	PULASKI	101	120.5
BARTON	11	80.3	HOWELL	38	84.6	PUTNAM	0	0.0
BATES	15	69.1	IRON	12	89.6	RALLS	3	31.6
BENTON	17	104.3	JACKSON	3,062	279.9	RANDOLPH	46	128.5
BOLLINGER	11	71.0	JASPER	157	117.0	RAY	45	133.9
BOONE	596	354.8	JEFFERSON	481	168.8	REYNOLDS	4	49.4
BUCHANAN	213	174.0	JOHNSON	134	198.8	RIPLEY	13	76.5
BUTLER	58	109.8	KNOX	4	72.7	ST. CHARLES	659	169.5
CALDWELL	9	75.0	LACLEDE	23	55.4	ST. CLAIR	8	77.7
CALLAWAY	82	176.7	LAFAYETTE	51	127.8	ST. FRANCOIS	78	119.1
CAMDEN	59	184.4	LAWRENCE	68	156.0	STE. GENEVIEVE	12	58.3
CAPE GIRARDEAU	150	171.8	LEWIS	3	24.6	ST. LOUIS CITY	3,172	376.0
CARROLL	12	81.6	LINCOLN	55	120.4	ST. LOUIS COUNTY	4,820	329.6
CARTER	6	70.6	LINN	28	136.6	SALINE	53	168.8
CASS	155	154.1	LIVINGSTON	24	127.7	SCHUYLER	1	18.5
CEDAR	20	132.5	MC DONALD	23	90.2	SCOTLAND	1	15.2
CHARITON	8	80.8	MACON	18	96.3	SCOTT	76	115.2
CHRISTIAN	78	153.5	MADISON	11	74.3	SHANNON	11	96.5
CLARK	0	0.0	MARIES	1	9.5	SHELBY	4	58.0
CLAY	495	221.0	MARION	19	48.0	STODDARD	42	112.6
CLINTON	31	150.5	MERCER	1	27.8	STONE	33	163.4
COLE	186	197.7	MILLER	38	124.6	SULLIVAN	2	23.0
COOPER	26	132.0	MISSISSIPPI	18	81.8	TANEY	71	229.0
CRAWFORD	23	82.1	MONITEAU	16	84.7	TEXAS	16	61.3
DADE	13	191.2	MONROE	16	133.3	VERNON	28	107.3
DALLAS	19	100.5	MONTGOMERY	19	120.3	WARREN	47	156.1
DAVISS	14	107.7	MORGAN	15	68.8	WASHINGTON	20	66.2
DE KALB	12	102.6	NEW MADRID	34	100.6	WAYNE	10	67.1
DENT	19	136.7	NEWTON	49	81.5	WEBSTER	51	150.9
DOUGLAS	11	61.5	NODAWAY	50	203.3	WORTH	1	27.0
DUNKLIN	53	101.1	OREGON	12	113.2	WRIGHT	16	67.8
FRANKLIN	160	120.4	OSAGE	11	71.0			
GASCONADE	25	127.6	OZARK	12	111.1			
GENTRY	5	62.5	PEMISCOT	43	96.8			
GREENE	757	267.9	PERRY	23	105.0			

TABLE 14B RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY REGIONAL PLANNING COMMISSION
OF RESIDENCE: MISSOURI 1990

REGIONAL PLANNING COMMISSIONS	NUMBER	RATIO	REGIONAL PLANNING COMMISSIONS	NUMBER	RATIO
MAJOR METRO REGIONS			BOONSLICK	121	132.1
EAST-WEST GATEWAY	9,292	298.5	KAYSINGER BASIN	128	105.7
MID-AMERICA	3,929	255.7	SHOW-ME	256	162.5
MINOR METRO REGIONS			SOUTH CENTRAL OZARK	116	79.8
SOUTHWEST MISSOURI	1,156	208.7	MERAHEC	134	89.8
MID-MISSOURI	972	238.7	LAKE OF THE OZARKS	236	112.6
MO-KAN	267	154.6			
OZARK GATEWAY	240	102.8	SOUTHEAST MISSOURI	297	124.3
NONMETRO REGIONS			BOOTHEEL	266	103.9
NORTHWEST MISSOURI	62	118.3	OZARK FOOTHILLS	91	89.8
GREEN HILLS	101	96.0			
MISSOURI VALLEY	73	130.4	MAJOR METRO TOTAL	13,221	284.4
			MINOR METRO TOTAL	2,635	192.7
NORTHEAST MISSOURI	40	72.6	NONMETRO TOTAL	2,050	108.1
MARK TWAIN	129	81.6	STATE TOTAL	17,947	226.8

TABLE 15 RESIDENT ABORTIONS BY AGE AND MARITAL STATUS OF WOMAN: MISSOURI 1990

MARITAL STATUS	TOTAL	AGE								45 AND OVER	UNKNOWN
		UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
TOTAL	17,947	172	1,460	2,674	5,946	3,853	2,359	1,197	274	11	1
NEVER MARRIED	9,286	139	953	1,987	3,749	1,601	627	204	25	1	0
CURRENTLY MARRIED	3,817	1	14	133	934	1,157	924	514	139	1	0
FORMERLY MARRIED	1,928	0	6	21	322	605	534	361	74	5	0
UNMARRIED, UNSPECIFIED	2,687	31	468	504	853	447	244	104	32	4	0
UNKNOWN	229	1	19	29	88	43	30	14	4	0	1

TABLE 16 RESIDENT ABORTIONS BY NUMBER OF LIVING CHILDREN AND NUMBER OF PREVIOUS ABORTIONS: MISSOURI 1990

NUMBER OF LIVING CHILDREN	FREQUENCY OF PATIENTS	NUMBER OF PREVIOUS ABORTIONS	FREQUENCY OF PATIENTS
TOTAL	17,947	TOTAL	17,947
0	8,470	0	11,068
1	4,628	1	4,741
2	3,123	2	1,474
3	1,158	3	406
4	355	4	111
5	117	5	59
6+	65	6+	37
UNKNOWN	31	UNKNOWN	51

TABLE 17

RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH
25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	POPULATION	NUMBER			RECORDED		RATE		NATURAL INCREASE
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	
STATE TOTAL	5,117,073	79,135	50,212	28,923	81,416	51,786	15.5	9.8	5.7
ADAIR	24,577	286	215	71	615	329	11.6	8.7	2.9
ANDREW	14,632	180	139	41	0	92	12.3	9.5	2.8
ATCHISON	7,457	83	100	-17	138	114	11.1	13.3	-2.3
AUDRAIN	23,599	325	286	39	255	301	13.8	12.1	1.7
BARRY	27,547	378	305	73	86	219	13.7	11.1	2.7
BARTON	11,312	137	148	-11	109	121	12.1	13.1	-1.0
BATES	15,025	217	221	-4	10	163	14.5	14.7	-0.3
BENTON	13,859	163	205	-42	1	91	11.7	14.7	-3.0
BOLLINGER	10,619	155	124	31	4	58	14.6	11.7	2.9
BOONE	112,379	1,680	673	1,007	3,501	1,699	14.9	6.0	9.0
BUCHANAN	83,083	1,224	1,002	222	1,651	1,112	14.7	12.1	2.7
BUTLER	38,765	528	457	71	1,612	796	13.6	11.8	1.8
CALDWELL	8,380	120	107	13	1	36	14.3	12.7	1.5
CALLAWAY	32,809	464	307	157	139	183	14.1	9.4	4.8
CAMDEN	27,495	320	275	45	500	286	11.6	10.0	1.6
CAPE GIRARDEAU	61,633	873	578	295	1,700	1,050	14.2	9.4	4.8
CARROLL	10,748	147	142	5	3	96	13.7	13.3	0.5
CARTER	5,515	85	50	35	0	26	15.5	9.1	6.4
CASS	63,808	1,006	489	517	120	357	15.8	7.7	8.1
CEDAR	12,093	151	206	-55	139	131	12.5	17.0	-4.5
CHARITON	9,202	99	143	-44	0	72	10.8	15.5	-4.8
CHRISTIAN	32,644	508	221	287	2	123	15.6	6.8	8.8
CLARK	7,547	90	104	-14	2	43	12.0	13.9	-1.9
CLAY	153,411	2,240	1,079	1,161	1,961	1,230	14.6	7.0	7.6
CLINTON	16,595	206	178	28	15	173	12.4	10.7	1.7
COLE	63,579	941	507	434	1,294	763	14.8	8.0	6.8
COOPER	14,835	197	169	28	8	141	13.3	11.4	1.9
CRAWFORD	19,173	280	218	62	149	156	14.6	11.4	3.2
DADE	7,449	68	110	-42	11	77	9.2	14.9	-5.7
DALLAS	12,646	189	136	53	3	61	15.0	10.8	4.2
DAVIESS	7,865	130	94	36	21	45	16.5	11.9	4.6
DE KALB	9,967	117	105	12	0	42	11.7	10.5	1.2
DENT	13,702	139	158	-19	2	127	10.1	11.5	-1.4
DOUGLAS	11,876	179	122	57	3	53	15.0	10.3	4.8
DUNKLIN	33,112	524	474	50	378	305	15.8	14.3	1.5

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	POPULATION	NUMBER			RECORDED		RATE		
		RESIDENT	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	RESIDENT	NATURAL INCREASE	
		LIVE BIRTHS					DEATHS		
FRANKLIN	80,603	1,329	711	618	635	584	16.5	8.8	7.7
GASCONADE	14,006	196	196	0	100	144	14.0	14.0	0.0
GENTRY	6,848	80	87	-7	51	80	11.8	12.8	-1.0
GREENE	207,949	2,826	1,870	956	5,717	2,970	13.6	9.0	4.6
GRUNDY	10,536	135	185	-50	210	173	12.9	17.6	-4.8
HARRISON	8,469	87	143	-56	0	99	10.2	16.8	-6.6
HENRY	20,044	244	282	-38	428	296	12.2	14.1	-1.9
HICKORY	7,335	72	128	-56	0	53	9.9	17.5	-7.7
HOLT	6,034	78	103	-25	0	41	13.0	17.2	-4.2
HOWARD	9,631	121	128	-7	25	98	12.6	13.3	-0.7
HOWELL	31,447	449	390	59	707	471	14.3	12.4	1.9
IRON	10,726	134	176	-42	0	151	12.5	16.4	-3.9
JACKSON	633,232	10,941	6,042	4,899	14,717	7,180	17.3	9.5	7.7
JASPER	90,465	1,342	1,015	327	5	1,057	14.8	11.2	3.6
JEFFERSON	171,380	2,850	1,133	1,717	587	670	16.6	6.6	10.0
JOHNSON	42,514	674	225	449	568	190	15.9	5.3	10.6
KNOX	4,482	55	71	-16	6	22	12.2	15.8	-3.6
LACLEDE	27,158	415	308	107	4	230	15.3	11.3	3.9
LAFAYETTE	31,107	399	370	29	237	260	12.8	11.9	0.9
LAWRENCE	30,236	436	359	77	13	328	14.4	11.9	2.5
LEWIS	10,233	122	115	7	3	65	12.0	11.3	0.7
LINCOLN	28,892	457	246	211	72	192	15.8	8.5	7.3
LIHN	13,885	205	219	-14	147	185	14.7	15.8	-1.0
LIVINGSTON	14,592	188	171	17	428	158	12.9	11.7	1.2
MC DONALD	16,938	255	186	69	0	70	15.1	11.0	4.1
MACON	15,345	187	239	-52	52	167	12.2	15.6	-3.4
MADISON	11,127	148	146	2	108	125	13.3	13.2	0.2
MARIES	7,976	105	77	28	0	39	13.1	9.6	3.5
MARION	27,682	396	320	76	486	301	14.3	11.6	2.7
MERCER	3,723	36	52	-16	0	19	9.7	14.1	-4.3
MILLER	20,700	305	229	76	28	92	14.7	11.1	3.7
MISSISSIPPI	14,442	220	178	42	1	85	15.3	12.4	2.9
MONITEAU	12,298	189	139	50	10	70	15.4	11.3	4.1
MONROE	9,104	120	106	14	4	49	13.2	11.6	1.5
MONTGOMERY	11,355	158	148	10	0	78	13.9	13.0	0.9

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	POPULATION	NUMBER			RATE		
		RESIDENT	RECORDED		RESIDENT		
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	NATURAL INCREASE
MORGAN	15,574	218	229	-11	7	137	14.0
NEW MADRID	20,928	338	237	101	0	98	16.2
NEWTON	44,445	601	476	125	2,390	678	13.5
NODAWAY	21,709	246	225	21	261	174	11.3
OREGON	9,470	106	131	-25	0	45	11.2
OSAGE	12,018	155	118	37	0	33	12.9
OZARK	8,598	108	96	12	0	45	12.6
PENISCOT	21,921	444	298	146	267	219	20.3
PERRY	16,648	219	205	14	136	169	13.2
PETTIS	35,437	502	443	59	573	482	14.2
PHELPS	35,248	470	336	134	1,043	471	13.4
PIKE	15,969	233	196	37	75	157	14.6
PLATTE	57,867	840	330	510	309	251	14.5
POLK	21,826	283	233	50	251	242	13.0
PULASKI	41,307	838	248	590	597	132	20.3
PUTNAM	5,079	64	86	-22	35	64	12.5
RALLS	8,476	95	82	13	0	37	11.2
RANDOLPH	24,370	358	264	94	325	241	14.7
RAY	21,971	336	200	136	4	136	15.3
REYNOLDS	6,661	81	79	2	20	45	12.1
RIPLEY	12,303	170	174	-4	0	84	13.8
ST. CHARLES	212,907	3,887	1,082	2,805	2,694	1,066	18.3
ST. CLAIR	8,457	103	127	-24	65	141	12.1
ST. FRANCOIS	48,904	655	627	28	916	579	13.4
STE. GENEVIEVE	16,037	206	167	39	68	129	12.9
ST. LOUIS CITY	396,685	8,436	5,495	2,941	11,070	7,029	21.3
ST. LOUIS COUNTY	993,529	14,626	8,321	6,305	18,956	9,021	14.7
SALINE	23,523	314	303	11	212	234	13.4
SCHUYLER	4,236	54	60	-6	0	18	12.9
SCOTLAND	4,822	66	57	9	9	57	13.8
SCOTT	39,376	660	378	282	575	423	16.8
SHANNON	7,613	114	65	49	0	24	15.0
SHELBY	6,942	69	102	-33	0	68	10.0
STODDARD	28,895	373	355	18	7	266	12.9
STONE	19,078	202	210	-8	0	79	10.6

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	POPULATION	NUMBER			RATE				
		RESIDENT	RECORDED	RESIDENT					
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
SULLIVAN	6,326	87	98	-11	2	74	13.8	15.6	-1.7
TANEY	25,561	310	321	-11	123	282	12.1	12.5	-0.4
TEXAS	21,476	261	228	33	195	175	12.1	10.6	1.5
VERNON	19,041	261	221	40	230	196	13.7	11.6	2.1
WARREN	19,534	301	155	146	6	55	15.4	7.9	7.5
WASHINGTON	20,380	302	192	110	2	130	14.8	9.4	5.4
WAYNE	11,543	149	177	-28	0	84	13.0	15.4	-2.4
WEBSTER	23,753	338	215	123	41	84	14.2	9.0	5.2
WORTH	2,440	37	43	-6	0	23	15.4	17.9	-2.5
WRIGHT	16,758	236	185	51	170	146	14.0	11.0	3.0
CITIES OVER 25,000 POPULATION									
BLUE SPRINGS	40,153	664	166	498	621	244	16.5	4.1	12.4
CAPE GIRARDEAU	34,438	484	375	109	1,694	953	14.1	10.9	3.2
COLUMBIA	69,101	963	466	497	3,497	1,613	13.9	6.7	7.2
FLORISSANT	51,206	739	442	297	1,737	440	14.4	8.6	5.8
GLADSTONE	26,243	327	171	156	0	96	12.5	6.5	6.0
INDEPENDENCE	112,301	1,797	895	902	1,261	805	16.0	8.0	8.0
JEFFERSON CITY	35,481	517	399	118	1,294	740	14.6	11.2	3.3
KIRKWOOD	27,291	374	293	81	858	540	13.7	10.7	3.0
LEES SUMMIT	46,418	781	408	373	2	378	16.8	8.8	8.0
MARYLAND HEIGHTS	25,407	433	192	241	2	92	17.0	7.6	9.5
RAYTOWN	30,601	396	335	61	1	150	12.9	10.9	2.0
ST. CHARLES	54,555	1,184	456	728	1,522	554	21.7	8.4	13.3
ST. JOSEPH	71,852	1,102	900	202	1,651	1,087	15.3	12.5	2.8
ST. LOUIS CITY	396,685	8,436	5,495	2,941	11,070	7,029	21.3	13.9	7.4
ST. PETERS	45,779	681	123	558	722	142	14.9	2.7	12.2
SPRINGFIELD	140,494	2,007	1,512	495	5,717	2,867	14.3	10.8	3.5
UNIVERSITY CITY	40,087	704	389	315	2	154	17.6	9.7	7.9
MULTI-COUNTY CITIES									
JOPLIN	40,961	739	521	218	2,305	1,153	18.0	12.7	5.3
JASPER CO. PART	37,032	650	467	183	2	768	17.6	12.6	4.9
NEWTON CO. PART	3,929	89	54	35	2,303	385	22.8	13.8	9.0
KANSAS CITY	435,146	7,963	4,422	3,541	13,140	5,742	18.3	10.2	8.1
JACKSON CO. PART	341,179	6,478	3,860	2,618	12,830	5,470	19.0	11.3	7.7
CLAY CO. PART	69,316	1,085	435	650	1	136	15.7	6.3	9.4
PLATTE CO. PART	24,609	400	127	273	309	136	16.3	5.2	11.1
CASS CO. PART	42	0	0	0	0	0	0.0	0.0	0.0

TABLE 18 RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1990

CITIES WITH 10,000 TO 24,999 POPULATION	RESIDENT LIVE		RECORDED LIVE		CITIES WITH 10,000 TO 24,999 POPULATION	RESIDENT LIVE		RECORDED LIVE	
	BIRTHS	DEATHS	BIRTHS	DEATHS		BIRTHS	DEATHS	BIRTHS	DEATHS
ARNOLD	284	141	0	51	MARSHALL	189	137	199	138
BALLWIN	151	82	4	116	MARYVILLE	91	97	261	152
BELLEFONTAINE NGHS.	171	155	1	46	MEXICO	169	161	251	266
BELTON	391	117	6	113	MOBERLY	203	173	325	222
BERKELEY	276	114	2	11	O'FALLON	420	89	0	60
BRIDGETON	208	157	1,497	679	OVERLAND	282	176	2	36
CARTHAGE	163	156	0	165	POPLAR BLUFF	257	275	1,612	762
CLAYTON	108	99	2	27	RICHMOND HEIGHTS	174	97	3,050	571
CRESTWOOD	141	109	2	15	ROLLA	201	137	1,039	383
CREVE COEUR	87	98	5,953	820	ST. ANN	236	142	3	18
EXCELSIOR SPRINGS	168	115	54	116	SEDALIA	288	287	569	447
CLAY CO. PART	154	115	54	115	SIKESTON	325	196	573	351
RAY CO. PART	14	0	0	1	NEW MADRID CO. PART	6	0	0	0
FARMINGTON	123	169	915	370	SCOTT CO. PART	319	196	573	351
FERGUSON	360	229	0	93	WARRENSBURG	169	95	256	142
FULTON	123	150	136	122	WASHINGTON	166	128	634	346
GRANDVIEW	421	135	1	64	WEBSTER GROVES	312	225	4	53
HANNIBAL	260	226	486	242					
MARION CO. PART	256	223	486	241					
RALLS CO. PART	4	3	0	1					
HAZELWOOD	205	94	3	22					
JENNINGS	295	159	3	35					
KENNETT	194	148	378	177					
KIRKSVILLE	181	160	615	317					
LIBERTY	328	155	512	300					

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1990

	RESIDENT		RECORDED			RESIDENT		RECORDED	
	LIVE		LIVE			LIVE		LIVE	
	BIRTHS	DEATHS	BIRTHS	DEATHS		BIRTHS	DEATHS	BIRTHS	DEATHS
CITIES WITH 2,500 TO 9,999 POPULATION					CITIES WITH 2,500 TO 9,999 POPULATION				
AURORA	100	98	10	132	DES PERES	77	42	0	34
AVA	74	44	1	25	DEXTER	123	97	2	177
BEL NOR	21	14	0	3	EAST PRAIRIE	45	48	0	16
BEL RIDGE	66	27	0	10	MISSISSIPPI CO. PART	45	48	0	16
BETHANY	27	66	0	81	NEW MADRID CO. PART	0	0	0	0
BLACK JACK	54	93	0	14	ELDON	68	78	10	26
BOLIVAR	96	93	249	185	ELDORADO SPRINGS	41	93	139	80
BONNE TERRE	59	60	0	88	CEDAR CO. PART	41	93	139	80
BOONVILLE	87	107	0	49	VERNON CO. PART	0	0	0	0
BOWLING GREEN	40	51	0	40	ELLISVILLE	76	67	0	47
BRANSON	66	65	123	178	EUREKA	62	43	2	47
BRECKENRIDGE HILLS	115	49	1	7	FAYETTE	33	39	25	68
BRENTWOOD	137	84	1	14	FENTON	63	48	0	10
BROOKFIELD	75	99	145	148	JEFFERSON CO. PART	0	0	0	0
BUCKNER	39	24	0	3	ST. LOUIS CO. PART	63	48	0	10
BUTLER	63	90	10	110	FESTUS	143	89	1	30
CALIFORNIA	47	62	0	39	FLAT RIVER	76	60	0	50
CAMDENTON	38	34	0	11	FREDERICKTOWN	55	70	105	112
CAMERON	67	73	15	105	FRONTENAC	27	23	0	2
CALDWELL CO. PART	0	0	0	0	GLENDALE	88	61	0	9
CLINTON CO. PART	57	50	15	91	HARRISONVILLE	119	104	110	154
DE KALB CO. PART	10	23	0	14	HAYTI	116	62	267	148
CANTON	25	29	0	8	HERMANN	41	54	100	59
CARL JUNCTION	75	32	0	16	HIGGINSVILLE	63	65	1	37
CARROLLTON	65	78	2	81	HOLLISTER	39	31	0	10
CARUTHERSVILLE	184	97	0	28	JACKSON	158	99	2	68
CENTRALIA	57	44	0	19	KINLOCH	90	38	0	14
AUDRAIN CO. PART	1	0	0	0	LADUE	76	62	1	17
BOONE CO. PART	56	44	0	19	LAKE ST. LOUIS	70	26	264	92
CHAFFEE	47	41	0	30	LAMAR	70	70	109	105
CHARLESTON	97	73	0	51	LEBANON	191	176	4	195
CHILLICOTHE	106	119	428	135	LEXINGTON	66	81	234	116
CLARKSON VALLEY	9	4	0	0	LOUISIANA	72	57	68	96
CLINTON	118	131	428	234	MACON	60	99	50	135
COTTLEVILLE	3	1	0	1	MALDEN	120	79	0	40
CRYSTAL CITY	69	48	571	242	MANCHESTER	79	26	0	78
CUBA	44	41	0	21	MAPLEWOOD	192	97	5	20
DELLWOOD	85	48	0	14	MARCELINE	42	42	0	15
DESLOGE	50	77	0	8	MARSHFIELD	60	63	0	14
DESOTO	94	88	3	22	MOLINE ACRES	39	22	1	5

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1990

	RESIDENT LIVE		RECORDED LIVE			RESIDENT LIVE		RECORDED LIVE	
	BIRTHS	DEATHS	BIRTHS	DEATHS		BIRTHS	DEATHS	BIRTHS	DEATHS
CITIES WITH 2,500 TO 9,999 POPULATION					CITIES WITH 2,500 TO 9,999 POPULATION				
MONETT	114	81	84	97	RICHMOND	106	103	2	109
BARRY CO. PART	83	62	84	95	RIVERSIDE	51	31	0	51
LAWRENCE CO. PART	31	19	0	2	RIVERVIEW	67	38	0	5
MONROE CITY	49	39	1	27	ROCK HILL	82	52	0	11
MARION CO. PART	6	12	0	21	ST. CLAIR	70	50	0	8
MONROE CO. PART	43	27	1	6	ST. JAMES	45	76	0	39
MOUNTAIN GROVE	69	70	1	35	ST. JOHN	139	65	1	14
MOUNT VERNON	46	67	0	137	STE. GENEVIEVE	57	76	68	108
NEOSHO	174	153	84	225	SALEM	61	66	2	44
NEVADA	136	140	230	164	SAVANNAH	63	72	0	58
NEW MADRID	63	45	0	24	SCOTT CITY	70	29	2	7
NIXA	95	44	0	25	CAPE GIRARDEAU CO. PART	0	0	0	0
NORMANDY	107	69	7	251	SCOTT CO. PART	70	29	2	7
NORTH KANSAS CITY	48	62	1,244	432	SHREWSBURY	84	73	1	45
NORTHWOODS	69	50	0	9	SMITHVILLE	49	27	150	105
OAK GROVE	84	63	0	38	SUGAR CREEK	62	35	1	7
ODESSA	69	46	0	25	SULLIVAN	93	90	148	141
OLIVETTE	67	59	0	10	CRAWFORD CO. PART	15	11	148	83
OSAGE BEACH	41	22	497	200	FRANKLIN CO. PART	78	79	0	58
OZARK	73	48	0	41	SUNSET HILLS	35	78	0	41
PACIFIC	88	46	0	33	TOWN AND COUNTRY	35	71	942	405
FRANKLIN CO. PART	85	46	0	31	TRENTON	82	132	210	165
ST. LOUIS CO. PART	3	0	0	2	TROY	90	55	70	136
PAGEDALE	86	35	1	5	UNION	104	73	0	43
PALMYRA	43	38	0	28	VALLEY PARK	52	38	0	59
PERRYVILLE	101	152	134	143	VANDALIA	31	46	0	8
PEVELY	62	22	1	6	WARRENTON	79	64	4	27
PINE LAWN	119	42	1	4	WAYNESVILLE	99	33	5	13
PLATTE CITY	53	32	0	27	WEBB CITY	128	87	0	37
PLEASANT HILL	86	40	0	22	WELLSTON	101	32	0	6
PLEASANT VALLEY	41	16	0	21	WENTZVILLE	113	75	182	127
PORTAGEVILLE	67	42	0	10	WEST PLAINS	140	165	693	345
POTOSI	38	41	0	23	WINDSOR	33	54	0	33
RAYMORE	91	51	1	19	WOODSON TERRACE	71	33	0	7
REPUBLIC	96	46	0	18					

TABLE 19

TWELVE LEADING CAUSES OF DEATH BY RACE WITH PERCENTAGES
AND WITH RATES PER 100,000 FOR ALL RACES, RESIDENT DATA: MISSOURI 1990

RANK (ALL RACES)	NUMBER	CRUDE RATE	AGE-ADJ RATE	PERCENT OF TOTAL
1. DISEASES OF HEART	17,724	346.4	280.0	35.3
2. MALIGNANT NEOPLASMS	11,613	226.9	204.3	23.1
3. CEREBROVASCULAR DISEASE	3,470	67.8	52.7	6.9
4. CHRONIC PULMONARY DISEASE	2,109	41.2	35.3	4.2
5. PNEUMONIA & INFLUENZA	2,056	40.2	29.9	4.1
6. ACCIDENTAL DEATHS	2,045	40.0	37.1	4.1
7. DIABETES MELLITUS	1,077	21.0	17.9	2.1
8. SUICIDE	714	14.0	12.6	1.4
9. NEPHRITIS & NEPHROSIS	509	9.9	7.7	1.0
10. HOMICIDE & LEGAL INTERV	472	9.2	8.4	0.9
11. ATHEROSCLEROSIS	436	8.5	6.1	0.9
12. LIVER DISEASE & CIRRHOSIS	419	8.2	7.8	0.8
ALL OTHER CAUSES	7,568	147.9	123.6	15.1
TOTAL (ALL CAUSES)	50,212	981.3	823.4	100.0

RANK (WHITE)	NUMBER	PERCENT OF TOTAL	RANK (BLACK)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	16,083	35.9	1. DISEASES OF HEART	1,581	30.0
2. MALIGNANT NEOPLASMS	10,320	23.1	2. MALIGNANT NEOPLASMS	1,242	23.6
3. CEREBROVASCULAR DISEASE	3,155	7.1	3. CEREBROVASCULAR DISEASE	306	5.8
4. CHRONIC PULMONARY DISEASE	2,000	4.5	4. HOMICIDE & LEGAL INTERV	277	5.3
5. PNEUMONIA & INFLUENZA	1,917	4.3	5. ACCIDENTAL DEATHS	210	4.0
6. ACCIDENTAL DEATHS	1,820	4.1	6. DIABETES MELLITUS	167	3.2
7. DIABETES MELLITUS	909	2.0	7. PNEUMONIA & INFLUENZA	131	2.5
8. SUICIDE	667	1.5	8. DISEASES OF EARLY INFANCY	118	2.2
9. NEPHRITIS & NEPHROSIS	443	1.0	9. CHRONIC PULMONARY DISEASE	104	2.0
10. ATHEROSCLEROSIS	411	0.9	10. AIDS	75	1.4
11. LIVER DISEASE & CIRRHOSIS	349	0.8	11. NEPHRITIS & NEPHROSIS	63	1.2
12. AIDS	227	0.5	12. LIVER DISEASE & CIRRHOSIS	62	1.2
ALL OTHER CAUSES	6,445	14.4	ALL OTHER CAUSES	935	17.7
TOTAL (ALL CAUSES)	44,746	100.0	TOTAL (ALL CAUSES)	5,271	100.0

TABLE 20

FIVE LEADING CAUSES OF DEATH FOR SELECTED AGE GROUPS
WITH PERCENTAGES, RESIDENT DATA: MISSOURI 1990

CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL	CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL
UNDER 1 YEAR			45-54 YEARS		
1. DISEASES OF EARLY INFANCY	315	42.2	1. MALIGNANT NEOPLASMS	858	36.4
2. CONGENITAL ANOMALIES	166	22.3	2. DISEASES OF HEART	619	26.3
3. DISEASES OF HEART	19	2.5	3. ACCIDENTAL DEATHS	140	5.9
4. ACCIDENTAL DEATHS	19	2.5	4. CEREBROVASCULAR DISEASE	99	4.2
5. PNEUMONIA & INFLUENZA	7	0.9	5. SUICIDE	73	3.1
TOTAL (ALL CAUSES)	746	100.0	TOTAL (ALL CAUSES)	2,355	100.0
1-4 YEARS			55-64 YEARS		
1. ACCIDENTAL DEATHS	55	37.2	1. MALIGNANT NEOPLASMS	2,240	39.1
2. CONGENITAL ANOMALIES	22	14.9	2. DISEASES OF HEART	1,755	30.6
3. MALIGNANT NEOPLASMS	14	9.5	3. CHRONIC PULMONARY DISEASE	233	4.1
4. HOMICIDE & LEGAL INTERV.	12	8.1	4. CEREBROVASCULAR DISEASE	224	3.9
5. DISEASES OF HEART	8	5.4	5. ACCIDENTAL DEATHS	164	2.9
TOTAL (ALL CAUSES)	148	100.0	TOTAL (ALL CAUSES)	5,730	100.0
5-14 YEARS			65-74 YEARS		
1. ACCIDENTAL DEATHS	91	47.6	1. DISEASES OF HEART	3,599	34.2
2. MALIGNANT NEOPLASMS	23	12.0	2. MALIGNANT NEOPLASMS	3,474	33.0
3. CONGENITAL ANOMALIES	12	6.3	3. CHRONIC PULMONARY DISEASE	654	6.2
4. HOMICIDE & LEGAL INTERV.	11	5.8	4. CEREBROVASCULAR DISEASE	575	5.5
5. DISEASES OF HEART	8	4.2	5. DIABETES MELLITUS	290	2.8
TOTAL (ALL CAUSES)	191	100.0	TOTAL (ALL CAUSES)	10,538	100.0
15-24 YEARS			75-84 YEARS		
1. ACCIDENTAL DEATHS	405	52.7	1. DISEASES OF HEART	5,829	39.5
2. HOMICIDE & LEGAL INTERV.	114	14.8	2. MALIGNANT NEOPLASMS	3,155	21.4
3. SUICIDE	87	11.3	3. CEREBROVASCULAR DISEASE	1,179	8.0
4. MALIGNANT NEOPLASMS	33	4.3	4. CHRONIC PULMONARY DISEASE	816	5.5
5. DISEASES OF HEART	18	2.3	5. PNEUMONIA & INFLUENZA	734	5.0
TOTAL (ALL CAUSES)	769	100.0	TOTAL (ALL CAUSES)	14,748	100.0
25-34 YEARS			85-YEARS & OVER		
1. ACCIDENTAL DEATHS	326	29.0	1. DISEASES OF HEART	5,544	44.9
2. SUICIDE	157	14.0	2. MALIGNANT NEOPLASMS	1,339	10.8
3. HOMICIDE & LEGAL INTERV.	153	13.6	3. CEREBROVASCULAR DISEASE	1,321	10.7
4. MALIGNANT NEOPLASMS	113	10.0	4. PNEUMONIA & INFLUENZA	929	7.5
5. AIDS	107	9.5	5. CHRONIC PULMONARY DISEASE	321	2.6
TOTAL (ALL CAUSES)	1,125	100.0	TOTAL (ALL CAUSES)	12,357	100.0
35-44 YEARS					
1. MALIGNANT NEOPLASMS	360	24.0			
2. DISEASES OF HEART	255	17.0			
3. ACCIDENTAL DEATHS	215	14.3			
4. SUICIDE	130	8.7			
5. AIDS	111	7.4			
TOTAL (ALL CAUSES)	1,502	100.0			

TABLE 21

RESIDENT DEATHS, AGE GROUPS BY RACE BY SEX
WITH AGE-SPECIFIC RATES PER 1,000 BY SEX: MISSOURI 1990

AGE AT DEATH	TOTAL	NUMBER MALE	A L L R A C E S				W H I T E			B L A C K		
			AGE-SPECIFIC RATE	AGE-SPECIFIC RATE	AGE-SPECIFIC RATE	AGE-SPECIFIC RATE	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
			FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES	50,212	25,353	24,859	9.8	10.3	9.4	44,746	22,418	22,328	5,271	2,846	2,425
UNDER 1 YEAR	746	426	320	9.4	10.5	8.3	499	288	211	246	138	108
1-4 YEARS	148	83	65	0.5	0.6	0.5	113	64	49	33	18	15
5-9 YEARS	105	64	41	0.3	0.3	0.2	79	50	29	24	13	11
10-14 YEARS	86	49	37	0.2	0.3	0.2	65	34	31	20	14	6
15-19 YEARS	360	284	76	1.0	1.5	0.4	294	227	67	66	57	9
20-24 YEARS	409	318	91	1.1	1.8	0.5	310	243	67	98	75	23
25-29 YEARS	501	378	123	1.2	1.8	0.6	375	277	98	120	97	23
30-34 YEARS	624	458	166	1.4	2.2	0.8	455	331	124	164	123	41
35-39 YEARS	662	458	204	1.7	2.4	1.0	524	371	153	130	83	47
40-44 YEARS	840	553	287	2.4	3.3	1.6	643	425	218	190	125	65
45-49 YEARS	950	580	370	3.3	4.2	2.5	787	480	307	157	96	61
50-54 YEARS	1,405	830	575	5.9	7.2	4.7	1,165	688	477	230	139	91
55-59 YEARS	2,289	1,401	888	10.0	12.8	7.4	1,901	1,192	709	372	203	169
60-64 YEARS	3,441	2,152	1,289	15.0	20.1	10.6	2,988	1,883	1,105	437	258	179
65-69 YEARS	4,811	2,892	1,919	22.0	29.4	15.9	4,264	2,586	1,678	533	300	233
70-74 YEARS	5,727	3,275	2,452	32.7	44.5	24.1	5,146	2,979	2,167	562	291	271
75-79 YEARS	7,079	3,737	3,342	49.4	67.7	38.0	6,483	3,421	3,062	571	304	267
80-84 YEARS	7,669	3,490	4,179	77.4	105.4	63.3	7,101	3,240	3,861	544	238	306
85 AND OVER	12,357	3,924	8,433	152.1	182.3	141.3	11,554	3,639	7,915	771	273	498
UNKNOWN AGE	3	1	2				0	0	0	3	1	2

TABLE 22A

RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	50,212	746	148	105	86	360	409	501	624	662	840
CAUSES OF DEATH											
TUBERCULOSIS	33	0	0	0	0	0	0	1	1	0	0
AIDS	302	1	0	0	0	1	7	43	64	54	57
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	517	12	3	3	2	0	4	5	6	5	11
MALIGNANT NEOPLASMS	11,613	4	14	13	10	17	16	39	74	129	231
DIGESTIVE ORGANS	2,624	0	0	0	0	2	0	4	7	18	34
RESPIRATORY ORGANS	3,568	0	0	0	0	0	1	2	8	16	50
BREAST	983	0	0	0	0	0	0	1	6	28	61
GENITAL ORGANS	1,230	0	0	0	0	2	1	5	6	13	16
URINARY ORGANS	489	0	2	1	0	0	0	0	5	3	6
LEUKEMIA	429	2	3	2	2	7	6	10	5	7	6
OTHER MALIG. NEOPL.	2,290	2	9	10	8	6	8	17	37	44	58
DIABETES MELLITUS	1,077	0	0	0	0	0	2	4	10	11	12
MAJOR CARDIOVASC. DISEASE	22,451	21	12	4	6	8	18	32	60	102	202
DISEASES OF HEART	17,724	19	8	3	5	6	12	24	44	86	169
RHEUMATIC FEVER & RHEUM. HEART DISEASE	108	0	0	0	0	0	1	0	1	1	6
HYPERTENSIVE HEART	486	0	0	0	0	0	0	2	8	4	10
ISCHEMIC HEART	12,790	0	0	1	1	0	0	9	18	58	105
OTHER HEART DISEASE	4,340	19	8	2	4	6	11	13	17	23	48
HYPERTENSION	199	0	0	0	0	0	0	0	2	1	2
CEREBROVASCULAR DISEASE	3,470	2	4	1	1	2	5	7	12	12	26
ATHEROSCLEROSIS	436	0	0	0	0	0	0	0	1	0	0
OTHER MAJOR CARDIOVASC.	622	0	0	0	0	0	1	1	1	3	5
PNEUMONIA & INFLUENZA	2,056	7	2	1	2	1	0	2	7	13	8
CHRONIC PULMONARY DISEASE	2,109	0	0	1	1	1	5	1	6	2	4
ULCER OF STOMACH	129	0	0	0	0	0	0	1	0	0	2
LIVER DISEASE & CIRRHOSIS	419	0	0	0	0	0	1	0	8	19	25
NEPHRITIS & NEPHROSIS	509	1	0	0	0	1	0	0	4	2	5
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	6	0	0	0	0	1	2	1	1	1	0
CONGENITAL ANOMALIES	276	166	22	6	6	4	6	6	5	5	7
DISEASES OF EARLY INFANCY	315	315	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	353	147	6	0	0	2	7	4	5	5	6
ALL OTHER DISEASES	4,742	46	20	16	12	21	28	29	54	63	67
ACCIDENTAL DEATHS	2,045	19	55	54	37	201	204	169	157	123	92
MOTOR VEHICLE	1,071	6	18	31	19	161	161	127	92	90	59
OTHER ACC. DEATHS	974	13	37	23	18	40	43	42	65	33	33
SUICIDE	714	0	0	0	4	42	45	77	80	67	63
HOMICIDE & LEGAL INTERV	472	5	12	5	6	53	61	78	75	55	45
ALL OTHER EXTERNAL CAUSES	74	2	2	2	0	7	3	9	7	6	3

TABLE 22A (CONT)

RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	950	1,405	2,289	3,441	4,811	5,727	7,079	7,669	12,357	3
CAUSES OF DEATH										
TUBERCULOSIS	1	0	0	3	2	4	8	4	9	0
AIDS	37	13	14	4	4	2	1	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	15	14	25	36	45	53	70	78	130	0
MALIGNANT NEOPLASMS	306	552	900	1,340	1,715	1,759	1,700	1,455	1,339	0
DIGESTIVE ORGANS	58	101	168	269	355	372	414	396	426	0
RESPIRATORY ORGANS	100	201	355	532	653	613	508	328	201	0
BREAST	54	65	87	104	122	133	126	105	91	0
GENITAL ORGANS	22	36	58	93	151	213	213	194	207	0
URINARY ORGANS	6	24	31	50	64	74	79	68	76	0
LEUKEMIA	13	23	27	39	54	47	56	59	61	0
OTHER MALIG. NEOPL.	53	102	174	253	316	307	304	305	277	0
DIABETES MELLITUS	26	27	51	90	124	166	189	159	206	0
MAJOR CARDIOVASC. DISEASE	275	467	807	1,261	1,915	2,493	3,421	4,030	7,314	3
DISEASES OF HEART	226	393	696	1,059	1,590	2,009	2,705	3,124	5,544	2
RHEUMATIC FEVER &										
RHEUM. HEART DISEASE	1	2	7	7	14	14	20	11	23	0
HYPERTENSIVE HEART	8	12	23	24	52	57	74	81	131	0
ISCHEMIC HEART	155	287	510	795	1,160	1,497	1,970	2,290	3,932	2
OTHER HEART DISEASE	62	92	156	233	364	441	641	742	1,458	0
HYPERTENSION	1	2	6	9	18	19	42	39	57	1
CEREBROVASCULAR DISEASE	42	57	73	151	227	348	503	676	1,321	0
ATHEROSCLEROSIS	0	4	4	9	20	25	52	67	254	0
OTHER MAJOR CARDIOVASC.	6	11	28	33	60	92	119	124	138	0
PNEUMONIA & INFLUENZA	14	6	26	48	103	153	296	438	929	0
CHRONIC PULMONARY DISEASE	23	41	79	154	287	367	439	377	321	0
ULCER OF STOMACH	1	3	1	15	10	13	16	26	41	0
LIVER DISEASE & CIRRHOSIS	27	41	51	62	58	44	41	23	19	0
NEPHRITIS & NEPHROSIS	1	8	10	21	32	51	68	119	186	0
COMPLICATIONS OF PREG.,										
CHILD BIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	4	1	6	6	9	4	5	4	4	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	5	4	14	16	17	18	21	18	58	0
ALL OTHER DISEASES	83	104	168	241	356	460	638	775	1,561	0
ACCIDENTAL DEATHS	70	70	73	91	78	91	117	126	218	0
MOTOR VEHICLE	42	33	34	37	41	33	37	32	18	0
OTHER ACC. DEATHS	28	37	39	54	37	58	80	94	200	0
SUICIDE	35	38	49	45	47	35	40	31	16	0
HOMICIDE & LEGAL INTERV	25	12	9	6	4	9	4	5	3	0
ALL OTHER EXTERNAL CAUSES	2	4	6	2	5	5	5	1	3	0

TABLE 22B

MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	25,353	426	83	64	49	284	318	378	458	458	553
CAUSES OF DEATH											
TUBERCULOSIS	17	0	0	0	0	0	0	1	0	0	0
AIDS	287	0	0	0	0	1	6	40	62	52	57
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	233	8	3	1	0	0	1	3	4	2	8
MALIGNANT NEOPLASMS	6,125	4	11	9	4	13	10	21	40	53	98
DIGESTIVE ORGANS	1,319	0	0	0	0	2	0	3	4	8	19
RESPIRATORY ORGANS	2,367	0	0	0	0	0	1	0	5	11	36
BREAST	7	0	0	0	0	0	0	0	0	0	0
GENITAL ORGANS	684	0	0	0	0	2	1	0	2	3	0
URINARY ORGANS	312	0	1	1	0	0	0	0	3	3	5
LEUKEMIA	233	2	2	2	2	6	4	7	1	1	4
OTHER MALIG. NEOPL.	1,203	2	8	6	2	3	4	11	25	27	34
DIABETES MELLITUS	467	0	0	0	0	0	0	3	5	10	6
MAJOR CARDIOVASC. DISEASE	10,606	11	6	3	2	5	9	18	36	74	149
DISEASES OF HEART	8,660	10	3	3	2	4	6	15	31	66	126
RHEUMATIC FEVER & RHEUM. HEART DISEASE	31	0	0	0	0	0	0	0	0	0	3
HYPERTENSIVE HEART	167	0	0	0	0	0	0	2	6	2	8
ISCHEMIC HEART	6,460	0	0	1	1	0	0	5	15	46	80
OTHER HEART DISEASE	2,002	10	3	2	1	4	6	8	10	18	35
HYPERTENSION	78	0	0	0	0	0	0	0	0	1	2
CEREBROVASCULAR DISEASE	1,336	1	3	0	0	1	2	2	3	4	17
ATHEROSCLEROSIS	166	0	0	0	0	0	0	0	1	0	0
OTHER MAJOR CARDIOVASC.	366	0	0	0	0	0	1	1	1	3	4
PNEUMONIA & INFLUENZA	888	4	2	1	1	0	0	0	5	9	4
CHRONIC PULMONARY DISEASE	1,236	0	0	1	1	1	4	1	3	1	3
ULCER OF STOMACH	49	0	0	0	0	0	0	0	0	0	1
LIVER DISEASE & CIRRHOSIS	254	0	0	0	0	0	0	0	5	12	20
NEPHRITIS & NEPHROSIS	231	1	0	0	0	1	0	0	3	1	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	149	87	9	3	3	2	3	5	4	4	6
DISEASES OF EARLY INFANCY	174	174	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	212	99	5	0	0	2	4	3	2	5	3
ALL OTHER DISEASES	2,089	23	10	7	6	14	20	17	35	43	50
ACCIDENTAL DEATHS	1,327	10	30	34	25	155	165	125	124	90	58
MOTOR VEHICLE	747	3	11	18	11	123	131	94	75	64	39
OTHER ACC. DEATHS	580	7	19	16	14	32	34	31	49	26	19
SUICIDE	590	0	0	0	3	40	44	68	65	57	47
HOMICIDE & LEGAL INTERV	366	4	6	3	4	44	49	65	60	41	36
ALL OTHER EXTERNAL CAUSES	53	1	1	2	0	6	3	8	5	4	3

TABLE 22B (CONT)

MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	580	830	1,401	2,152	2,892	3,275	3,737	3,490	3,924	1
CAUSES OF DEATH										
TUBERCULOSIS	0	0	0	2	2	3	4	2	3	0
AIDS	37	12	13	4	1	1	1	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	8	10	22	31	24	35	29	41	0
MALIGNANT NEOPLASMS	139	287	487	773	988	1,005	919	739	525	0
DIGESTIVE ORGANS	34	68	97	159	197	207	220	181	120	0
RESPIRATORY ORGANS	60	124	229	364	452	422	348	208	107	0
BREAST	1	0	0	0	0	3	2	1	0	0
GENITAL ORGANS	0	6	18	33	76	136	131	141	135	0
URINARY ORGANS	5	16	22	38	40	49	55	37	37	0
LEUKEMIA	6	16	17	26	34	24	24	28	27	0
OTHER MALIG. NEOPL.	33	57	104	153	189	164	139	143	99	0
DIABETES MELLITUS	11	13	24	50	53	79	85	63	65	0
MAJOR CARDIOVASC. DISEASE	198	314	558	857	1,213	1,452	1,763	1,726	2,211	1
DISEASES OF HEART	175	284	496	742	1,029	1,193	1,406	1,377	1,691	1
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	4	3	3	6	3	4	4	0
HYPERTENSIVE HEART	5	4	12	15	21	23	23	26	20	0
ISCHEMIC HEART	131	218	378	561	778	903	1,060	1,029	1,253	1
OTHER HEART DISEASE	39	61	102	163	227	261	320	318	414	0
HYPERTENSION	1	1	5	4	8	8	18	10	20	0
CEREBROVASCULAR DISEASE	17	22	36	82	126	175	234	246	365	0
ATHEROSCLEROSIS	0	4	1	5	12	16	26	27	74	0
OTHER MAJOR CARDIOVASC.	5	3	20	24	38	60	79	66	61	0
PNEUMONIA & INFLUENZA	5	1	18	34	65	88	152	203	296	0
CHRONIC PULMONARY DISEASE	13	21	44	86	169	211	262	246	169	0
ULCER OF STOMACH	0	1	0	11	4	5	6	11	10	0
LIVER DISEASE & CIRRHOSIS	16	26	41	41	34	26	20	8	5	0
NEPHRITIS & NEPHROSIS	1	4	6	11	19	27	34	52	67	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	0	5	4	2	2	4	2	1	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	4	4	9	12	16	13	10	9	12	0
ALL OTHER DISEASES	56	55	93	141	196	243	342	308	430	0
ACCIDENTAL DEATHS	47	45	49	67	52	57	60	61	73	0
MOTOR VEHICLE	25	19	18	26	24	20	17	15	14	0
OTHER ACC. DEATHS	22	26	31	41	28	37	43	46	59	0
SUICIDE	28	27	33	32	41	28	34	29	14	0
HOMICIDE & LEGAL INTERV	18	9	8	4	3	7	3	2	0	0
ALL OTHER EXTERNAL CAUSES	1	3	3	1	3	4	3	0	2	0

TABLE 22C

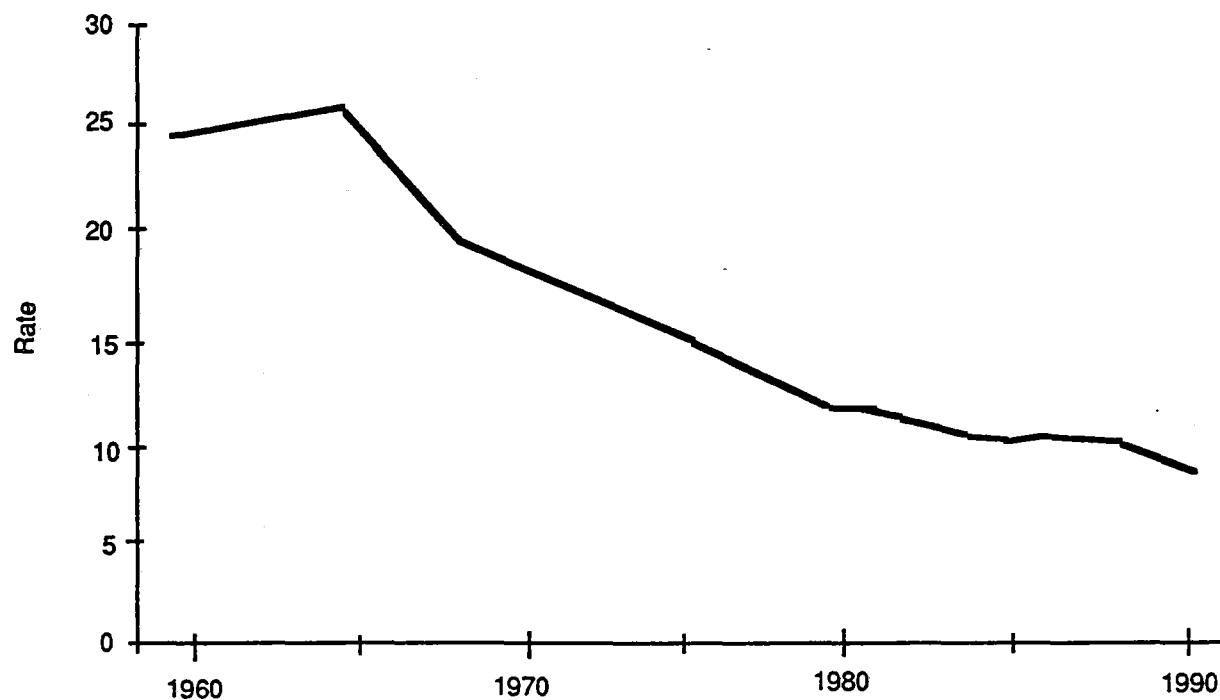
FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	24,859	320	65	41	37	76	91	123	166	204	287
CAUSES OF DEATH											
TUBERCULOSIS	16	0	0	0	0	0	0	0	1	0	0
AIDS	15	1	0	0	0	0	1	3	2	2	0
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	284	4	0	2	2	0	3	2	2	3	3
MALIGNANT NEOPLASMS	5,488	0	3	4	6	4	6	18	34	76	133
DIGESTIVE ORGANS	1,305	0	0	0	0	0	0	1	3	10	15
RESPIRATORY ORGANS	1,201	0	0	0	0	0	0	2	3	5	14
BREAST	976	0	0	0	0	0	0	1	6	28	61
GENITAL ORGANS	546	0	0	0	0	0	0	5	4	10	16
URINARY ORGANS	177	0	1	0	0	0	0	0	2	0	1
LEUKEMIA	196	0	1	0	0	1	2	3	4	6	2
OTHER MALIG. NEOPL.	1,087	0	1	4	6	3	4	6	12	17	24
DIABETES MELLITUS	610	0	0	0	0	0	2	1	5	1	6
MAJOR CARDIOVASC. DISEASE	11,845	10	6	1	4	3	9	14	24	28	53
DISEASES OF HEART	9,064	9	5	0	3	2	6	9	13	20	43
RHEUMATIC FEVER & RHEUM. HEART DISEASE	77	0	0	0	0	0	1	0	1	1	3
HYPERTENSIVE HEART	319	0	0	0	0	0	0	0	2	2	2
ISCHEMIC HEART	6,330	0	0	0	0	0	0	4	3	12	25
OTHER HEART DISEASE	2,338	9	5	0	3	2	5	5	7	5	13
HYPERTENSION	121	0	0	0	0	0	0	0	2	0	0
CEREBROVASCULAR DISEASE	2,134	1	1	1	1	1	3	5	9	8	9
ATHEROSCLEROSIS	270	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	256	0	0	0	0	0	0	0	0	0	1
PNEUMONIA & INFLUENZA	1,168	3	0	0	1	1	0	2	2	4	4
CHRONIC PULMONARY DISEASE	873	0	0	0	0	0	1	0	3	1	1
ULCER OF STOMACH	80	0	0	0	0	0	0	1	0	0	1
LIVER DISEASE & CIRRHOSIS	165	0	0	0	0	0	1	0	3	7	5
NEPHRITIS & NEPHROSIS	278	0	0	0	0	0	0	0	1	1	1
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	6	0	0	0	0	1	2	1	1	1	0
CONGENITAL ANOMALIES	127	79	13	3	3	2	3	1	1	1	1
DISEASES OF EARLY INFANCY	141	141	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	141	48	1	0	0	0	3	1	3	0	3
ALL OTHER DISEASES	2,653	23	10	9	6	7	8	12	19	20	17
ACCIDENTAL DEATHS	718	9	25	20	12	46	39	44	33	33	34
MOTOR VEHICLE	324	3	7	13	8	38	30	33	17	26	20
OTHER ACC. DEATHS	394	6	18	7	4	8	9	11	16	7	14
SUICIDE	124	0	0	0	1	2	1	9	15	10	16
HOMICIDE & LEGAL INTERV	106	1	6	2	2	9	12	13	15	14	9
ALL OTHER EXTERNAL CAUSES	21	1	1	0	0	1	0	1	2	2	0

TABLE 22C (CONT) FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1990

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	370	575	888	1,289	1,919	2,452	3,342	4,179	8,433	2
CAUSES OF DEATH										
TUBERCULOSIS	1	0	0	1	0	1	4	2	6	0
AIDS	0	1	1	0	3	1	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	12	6	15	14	14	29	35	49	89	0
MALIGNANT NEOPLASMS	167	265	413	567	727	754	781	716	814	0
DIGESTIVE ORGANS	24	33	71	110	158	165	194	215	306	0
RESPIRATORY ORGANS	40	77	126	168	201	191	160	120	94	0
BREAST	53	65	87	104	122	130	124	104	91	0
GENITAL ORGANS	22	30	40	60	75	77	82	53	72	0
URINARY ORGANS	1	8	9	12	24	25	24	31	39	0
LEUKEMIA	7	7	10	13	20	23	32	31	34	0
OTHER MALIG. NEOPL.	20	45	70	100	127	143	165	162	178	0
DIABETES MELLITUS	15	14	27	40	71	87	104	96	141	0
MAJOR CARDIOVASC. DISEASE	77	153	249	404	702	1,041	1,658	2,304	5,103	2
DISEASES OF HEART	51	109	200	317	561	816	1,299	1,747	3,853	1
RHEUMATIC FEVER &										
RHEUM. HEART DISEASE	1	1	3	4	11	8	17	7	19	0
HYPERTENSIVE HEART	3	8	11	9	31	34	51	55	111	0
ISCHEMIC HEART	24	69	132	234	382	594	910	1,261	2,679	1
OTHER HEART DISEASE	23	31	54	70	137	180	321	424	1,044	0
HYPERTENSION	0	1	1	5	10	11	24	29	37	1
CEREBROVASCULAR DISEASE	25	35	37	69	101	173	269	430	956	0
ATHEROSCLEROSIS	0	0	3	4	8	9	26	40	180	0
OTHER MAJOR CARDIOVASC.	1	8	8	9	22	32	40	58	77	0
PNEUMONIA & INFLUENZA	9	5	8	14	38	65	144	235	633	0
CHRONIC PULMONARY DISEASE	10	20	35	68	118	156	177	131	152	0
ULCER OF STOMACH	1	2	1	4	6	8	10	15	31	0
LIVER DISEASE & CIRRHOSIS	11	15	10	21	24	18	21	15	14	0
NEPHRITIS & NEPHROSIS	0	4	4	10	13	24	34	67	119	0
COMPLICATIONS OF PREG.,										
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	1	1	2	7	2	1	2	3	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	1	0	5	4	1	5	11	9	46	0
ALL OTHER DISEASES	27	49	75	100	160	217	296	467	1,131	0
ACCIDENTAL DEATHS	23	25	24	24	26	34	57	65	145	0
MOTOR VEHICLE	17	14	16	11	17	13	20	17	4	0
OTHER ACC. DEATHS	6	11	8	13	9	21	37	48	141	0
SUICIDE	7	11	16	13	6	7	6	2	2	0
HOMICIDE & LEGAL INTERV	7	3	1	2	1	2	1	3	3	0
ALL OTHER EXTERNAL CAUSES	1	1	3	1	2	1	2	1	1	0

Graph E
Resident Infant Death Rates per 1,000 Live Births
Missouri 1960-1990



	<i>Infant Deaths</i>	<i>Rate</i>
1960	2,414	24.7
1965	2,060	25.4
1970	1,580	19.6
1975	1,123	16.4
1980	970	12.3
1981	971	12.7
1982	894	11.7

	<i>Infant Deaths</i>	<i>Rate</i>
1983	805	10.7
1984	769	10.3
1985	784	10.2
1986	799	10.6
1987	767	10.2
1988	770	10.1
1989	767	9.9
1990	746	9.4

TABLE 23A

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	973	746	525	448	298	6							
ADAIR	7	4	4	3	1	0	FRANKLIN	13	13	6	7	6	0
ANDREW	1	1	0	1	0	0	GASCONADE	1	0	1	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	0	1	0	0	1	0
AUDRAIN	5	4	2	3	1	0	GREENE	37	25	21	16	9	0
BARRY	5	3	3	2	1	0	GRUNDY	3	0	3	0	0	1
BARTON	0	0	0	0	0	0	HARRISON	2	0	2	0	0	0
BATES	2	2	1	1	1	0	HENRY	2	2	1	1	1	0
BENTON	3	3	1	2	1	0	HICKORY	0	2	0	0	2	0
BOLLINGER	0	1	0	0	1	0	HOLT	1	0	1	0	0	0
BOONE	21	20	10	11	9	0	HOWARD	3	3	2	1	2	0
BUCHANAN	16	11	8	8	3	0	HOWELL	2	4	0	2	2	0
BUTLER	4	4	2	2	2	0	IRON	3	1	2	1	0	0
CALDWELL	0	1	0	0	1	0	JACKSON	143	112	79	64	48	0
CALLAWAY	7	5	4	3	2	0	JASPER	23	10	18	5	5	0
CAMDEN	2	6	0	2	4	0	JEFFERSON	25	15	18	7	8	1
CAPE GIRARDEAU	14	13	4	10	3	0	JOHNSON	12	9	6	6	3	0
CARROLL	5	3	2	3	0	0	KNOX	0	0	0	0	0	0
CARTER	0	0	0	0	0	0	LACLEDE	6	6	2	4	2	0
CASS	10	8	5	5	3	0	LAFAYETTE	0	1	0	0	1	0
CEDAR	0	1	0	0	1	0	LAWRENCE	3	2	3	0	2	0
CHARITON	2	0	2	0	0	0	LEWIS	1	2	0	1	1	0
CHRISTIAN	3	0	3	0	0	0	LINCOLN	1	1	1	0	1	0
CLARK	1	2	0	1	1	0	LINN	2	3	0	2	1	0
CLAY	18	19	6	12	7	0	LIVINGSTON	1	1	0	1	0	0
CLINTON	0	1	0	0	1	0	MC DONALD	1	0	1	0	0	0
COLE	5	8	3	2	6	0	MACON	0	0	0	0	0	0
COOPER	1	3	0	1	2	0	MADISON	2	1	1	1	0	0
CRAWFORD	2	2	1	1	1	0	MARIES	1	3	0	1	2	0
DADE	1	0	1	0	0	0	MARION	2	3	1	1	2	0
DALLAS	2	1	1	1	0	0	MERCER	0	0	0	0	0	0
DAVISS	1	1	0	1	0	0	MILLER	7	3	6	1	2	0
DE KALB	1	0	1	0	0	0	MISSISSIPPI	4	4	1	3	1	0
DENT	2	1	1	1	0	0	MONITEAU	1	1	1	0	1	0
DOUGLAS	4	4	1	3	1	0	MONROE	3	4	0	3	1	0
DUNKLIN	5	3	4	1	2	0	MONTGOMERY	0	2	0	0	2	0

TABLE 23A (CONT)

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	1	3	0	1	2	0	WASHINGTON	8	7	3	5	2	0
NEW MADRID	4	8	2	2	6	0	WAYNE	3	2	1	2	0	0
NEWTON	5	4	3	2	2	0	WEBSTER	8	4	6	2	2	0
NODAWAY	5	4	1	4	0	0	WORTH	0	0	0	0	0	0
OREGON	2	0	2	0	0	0	WRIGHT	2	1	1	1	0	0
OSAGE	2	3	0	2	1	0							
OZARK	2	1	1	1	0	0	CITIES OVER						
PEMISCOT	7	4	4	3	1	0	25,000 POP.						
PERRY	3	1	2	1	0	0							
PETTIS	3	4	1	2	2	0	BLUE SPRINGS	4	2	2	2	0	0
PHELPS	2	4	1	1	3	0	CAPE GIRARDEAU	8	10	1	7	3	0
PIKE	3	3	0	3	0	0	COLUMBIA	17	15	9	8	7	0
PLATTE	10	7	5	5	2	0	FLORISSANT	4	6	2	2	4	0
POLK	2	0	2	0	0	0	GLADSTONE	2	0	2	0	0	0
PULASKI	9	9	4	5	4	0							
PUTNAM	2	4	0	2	2	0	INDEPENDENCE	19	13	12	7	6	0
RALLS	1	0	1	0	0	0	JEFFERSON CITY	5	6	3	2	4	0
RANDOLPH	2	3	0	2	1	0	KIRKWOOD	1	3	1	0	3	0
RAY	1	4	0	1	3	0	LEES SUMMIT	9	7	3	6	1	0
REYNOLDS	0	2	0	0	2	0	MARYLAND HEIGHTS	4	1	3	1	0	0
RIPLEY	4	1	4	0	1	0							
ST. CHARLES	33	15	20	13	2	0	RAYTOWN	4	3	2	2	1	0
ST. CLAIR	0	1	0	0	1	0	ST. CHARLES	16	9	8	8	1	0
ST. FRANCOIS	14	8	9	5	3	0	ST. JOSEPH	14	8	7	7	1	0
STE. GENEVIEVE	5	4	1	4	0	0	ST. LOUIS CITY	150	105	92	58	47	3
							ST. PETERS	4	0	4	0	0	0
ST. LOUIS CITY	150	105	92	58	47	3							
ST. LOUIS COUNTY	186	140	89	97	43	1	SPRINGFIELD	28	20	15	13	7	0
SALINE	5	0	5	0	0	0	UNIVERSITY CITY	13	11	6	7	4	0
SCHUYLER	0	0	0	0	0	0							
SCOTLAND	0	0	0	0	0	0	MULTI-COUNTY						
							CITIES						
SCOTT	10	6	4	6	0	0							
SHANNON	2	0	2	0	0	0	JOPLIN	8	2	7	1	1	0
SHELBY	2	0	2	0	0	0	JASPER CO. PART	8	2	7	1	1	0
STODDARD	5	3	3	2	1	0	NEWTON CO. PART	0	0	0	0	0	0
STONE	1	1	0	1	0	0							
SULLIVAN	0	0	0	0	0	0	KANSAS CITY	108	88	62	46	42	0
TANEY	7	5	3	4	1	0	JACKSON CO. PART	96	77	56	40	37	0
TEXAS	2	2	2	0	2	0	CLAY CO. PART	7	9	3	4	5	0
VERNON	2	2	1	1	1	0	PLATTE CO. PART	5	2	3	2	0	0
WARREN	3	2	1	2	0	0	CASS CO. PART	0	0	0	0	0	0

TABLE 23B

WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	655	499	341	314	185	3							
ADAIR	7	4	4	3	1	0	FRANKLIN	13	13	6	7	6	0
ANDREW	1	1	0	1	0	0	GASCONADE	1	0	1	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	0	1	0	0	1	0
AUDRAIN	4	2	2	2	0	0	GREENE	36	25	20	16	9	0
BARRY	5	3	3	2	1	0	GRUNDY	3	0	3	0	0	1
BARTON	0	0	0	0	0	0	HARRISON	2	0	2	0	0	0
BATES	2	2	1	1	1	0	HENRY	2	2	1	1	1	0
BENTON	3	3	1	2	1	0	HICKORY	0	1	0	0	1	0
BOLLINGER	0	1	0	0	1	0	HOLT	1	0	1	0	0	0
BOONE	15	17	6	9	8	0	HOWARD	3	3	2	1	2	0
BUCHANAN	15	11	7	8	3	0	HOWELL	2	4	0	2	2	0
BUTLER	3	2	2	1	1	0	IRON	2	1	1	1	0	0
CALDWELL	0	1	0	0	1	0	JACKSON	69	53	38	31	22	0
CALLAWAY	6	5	3	3	2	0	JASPER	23	10	18	5	5	0
CAMDEN	2	6	0	2	4	0	JEFFERSON	25	14	18	7	7	1
CAPE GIRARDEAU	10	8	2	8	0	0	JOHNSON	12	8	6	6	2	0
CARROLL	5	3	2	3	0	0	KNOX	0	0	0	0	0	0
CARTER	0	0	0	0	0	0	LACLEDE	6	6	2	4	2	0
CASS	8	6	5	3	3	0	LAFAYETTE	0	1	0	0	1	0
CEDAR	0	1	0	0	1	0	LAWRENCE	3	2	3	0	2	0
CHARITON	2	0	2	0	0	0	LEWIS	1	2	0	1	1	0
CHRISTIAN	3	0	3	0	0	0	LINCOLN	1	1	1	0	1	0
CLARK	1	2	0	1	1	0	LINN	2	3	0	2	1	0
CLAY	15	17	5	10	7	0	LIVINGSTON	1	1	0	1	0	0
CLINTON	0	1	0	0	1	0	MC DONALD	1	0	1	0	0	0
COLE	3	6	2	1	5	0	MACON	0	0	0	0	0	0
COOPER	1	2	0	1	1	0	MADISON	2	1	1	1	0	0
CRAWFORD	2	1	1	1	0	0	MARIES	1	2	0	1	1	0
DADE	1	0	1	0	0	0	MARION	1	3	0	1	2	0
DALLAS	2	1	1	1	0	0	MERCER	0	0	0	0	0	0
DAVIESS	1	1	0	1	0	0	MILLER	7	3	6	1	2	0
DE KALB	1	0	1	0	0	0	MISSISSIPPI	3	3	0	3	0	0
DENT	2	1	1	1	0	0	MONITEAU	1	1	1	0	1	0
DOUGLAS	4	4	1	3	1	0	MONROE	3	4	0	3	1	0
DUNKLIN	5	2	4	1	1	0	MONTGOMERY	0	2	0	0	2	0

TABLE 23B (CONT) WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	1	3	0	1	2	0	WASHINGTON	8	7	3	5	2	0
NEW MADRID	3	5	2	1	4	0	WAYNE	3	2	1	2	0	0
NEWTON	5	4	3	2	2	0	WEBSTER	8	4	6	2	2	0
NODAWAY	5	4	1	4	0	0	WORTH	0	0	0	0	0	0
OREGON	2	0	2	0	0	0	WRIGHT	2	1	1	1	0	0
OSAGE	2	3	0	2	1	0							
OZARK	2	1	1	1	0	0	CITIES OVER						
PEMISCOT	3	3	1	2	1	0	25,000 POP.						
PERRY	3	1	2	1	0	0	BLUE SPRINGS	4	2	2	2	0	0
PETTIS	3	4	1	2	2	0	CAPE GIRARDEAU	5	5	0	5	0	0
PHELPS	2	2	1	1	1	0	COLUMBIA	11	12	5	6	6	0
PIKE	3	3	0	3	0	0	FLORISSANT	4	6	2	2	4	0
PLATTE	7	5	3	4	1	0	GLADSTONE	1	0	1	0	0	0
POLK	2	0	2	0	0	0							
PULASKI	7	9	2	5	4	0	INDEPENDENCE	17	12	11	6	6	0
PUTNAM	2	4	0	2	2	0	JEFFERSON CITY	3	4	2	1	3	0
RALLS	1	0	1	0	0	0	KIRKHOOD	1	2	1	0	2	0
RANDOLPH	1	2	0	1	1	0	LEES SUMMIT	9	7	3	6	1	0
RAY	1	4	0	1	3	0	MARYLAND HEIGHTS	2	0	2	0	0	0
REYNOLDS	0	2	0	0	2	0							
RIPLEY	4	1	4	0	1	0	RAYTOWN	4	3	2	2	1	0
ST. CHARLES	31	15	18	13	2	0	ST. CHARLES	16	9	8	8	1	0
ST. CLAIR	0	1	0	0	1	0	ST. JOSEPH	13	8	6	7	1	0
ST. FRANCOIS	14	8	9	5	3	0	ST. LOUIS CITY	22	14	12	10	4	0
STE. GENEVIEVE	5	4	1	4	0	0	ST. PETERS	4	0	4	0	0	0
ST. LOUIS CITY	22	14	12	10	4	0							
ST. LOUIS COUNTY	110	80	49	61	19	1	SPRINGFIELD	27	20	14	13	7	0
SALINE	5	0	5	0	0	0	UNIVERSITY CITY	6	4	2	4	0	0
SCHUYLER	0	0	0	0	0	0							
SCOTLAND	0	0	0	0	0	0	MULTI-COUNTY						
SCOTT	8	4	4	4	0	0	CITIES						
SHANNON	2	0	2	0	0	0	JOPLIN	8	2	7	1	1	0
SHELBY	2	0	2	0	0	0	JASPER CO. PART	8	2	7	1	1	0
STODDARD	5	3	3	2	1	0	NEWTON CO. PART	0	0	0	0	0	0
STONE	1	1	0	1	0	0							
SULLIVAN	0	0	0	0	0	0	KANSAS CITY	39	33	22	17	16	0
TANEY	7	5	3	4	1	0	JACKSON CO. PAR	28	22	17	11	11	0
TEXAS	2	2	2	0	2	0	CLAY CO. PART	7	9	3	4	5	0
VERNON	2	2	1	1	1	0	PLATTE CO. PART	4	2	2	2	0	0
WARREN	3	2	1	2	0	0	CASS CO. PART	0	0	0	0	0	0

TABLE 23C

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	310	246	177	133	113	3							
ADAIR	0	0	0	0	0	0	FRANKLIN	0	0	0	0	0	0
ANDREW	0	0	0	0	0	0	GASCONADE	0	0	0	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	0	0	0	0	0	0
AUDRAIN	1	2	0	1	1	0	GREENE	1	0	1	0	0	0
BARRY	0	0	0	0	0	0	GRUNDY	0	0	0	0	0	0
BARTON	0	0	0	0	0	0	HARRISON	0	0	0	0	0	0
BATES	0	0	0	0	0	0	HENRY	0	0	0	0	0	0
BENTON	0	0	0	0	0	0	HICKORY	0	1	0	0	1	0
BOLLINGER	0	0	0	0	0	0	HOLT	0	0	0	0	0	0
BOONE	5	3	3	2	1	0	HOWARD	0	0	0	0	0	0
BUCHANAN	1	0	1	0	0	0	HOWELL	0	0	0	0	0	0
BUTLER	1	2	0	1	1	0	IRON	1	0	1	0	0	0
CALDWELL	0	0	0	0	0	0	JACKSON	72	59	39	33	26	0
CALLAWAY	0	0	0	0	0	0	JASPER	0	0	0	0	0	0
CAMDEN	0	0	0	0	0	0	JEFFERSON	0	1	0	0	1	0
CAPE GIRARDEAU	4	5	2	2	3	0	JOHNSON	0	1	0	0	1	0
CARROLL	0	0	0	0	0	0	KNOX	0	0	0	0	0	0
CARTER	0	0	0	0	0	0	LACLEDE	0	0	0	0	0	0
CASS	1	1	0	1	0	0	LAFAYETTE	0	0	0	0	0	0
CEDAR	0	0	0	0	0	0	LAWRENCE	0	0	0	0	0	0
CHARITON	0	0	0	0	0	0	LEWIS	0	0	0	0	0	0
CHRISTIAN	0	0	0	0	0	0	LINCOLN	0	0	0	0	0	0
CLARK	0	0	0	0	0	0	LINN	0	0	0	0	0	0
CLAY	3	2	1	2	0	0	LIVINGSTON	0	0	0	0	0	0
CLINTON	0	0	0	0	0	0	MC DONALD	0	0	0	0	0	0
COLE	2	2	1	1	1	0	MACON	0	0	0	0	0	0
COOPER	0	1	0	0	1	0	MADISON	0	0	0	0	0	0
CRAWFORD	0	1	0	0	1	0	MARIES	0	1	0	0	1	0
DADE	0	0	0	0	0	0	MARION	1	0	1	0	0	0
DALLAS	0	0	0	0	0	0	MERCER	0	0	0	0	0	0
DAVISS	0	0	0	0	0	0	MILLER	0	0	0	0	0	0
DE KALB	0	0	0	0	0	0	MISSISSIPPI	1	1	1	0	1	0
DENT	0	0	0	0	0	0	MONITEAU	0	0	0	0	0	0
DOUGLAS	0	0	0	0	0	0	MONROE	0	0	0	0	0	0
DUNKLIN	0	1	0	0	1	0	MONTGOMERY	0	0	0	0	0	0

TABLE 23C (CONT)

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	0	0	0	0	0	0	WASHINGTON	0	0	0	0	0	0
NEW MADRID	1	3	0	1	2	0	WAYNE	0	0	0	0	0	0
NEWTON	0	0	0	0	0	0	WEBSTER	0	0	0	0	0	0
NODAWAY	0	0	0	0	0	0	WORTH	0	0	0	0	0	0
OREGON	0	0	0	0	0	0	WRIGHT	0	0	0	0	0	0
OSAGE	0	0	0	0	0	0							
OZARK	0	0	0	0	0	0	CITIES OVER						
PEHISCOT	4	1	3	1	0	0	25,000 POP.						
PERRY	0	0	0	0	0	0	BLUE SPRINGS	0	0	0	0	0	0
PETTIS	0	0	0	0	0	0	CAPE GIRARDEAU	3	5	1	2	3	0
PHELPS	0	2	0	0	2	0	COLUMBIA	5	3	3	2	1	0
PIKE	0	0	0	0	0	0	FLORISSANT	0	0	0	0	0	0
PLATTE	2	2	1	1	1	0	GLADSTONE	1	0	1	0	0	0
POLK	0	0	0	0	0	0							
PULASKI	2	0	2	0	0	0	INDEPENDENCE	1	1	0	1	0	0
PUTNAM	0	0	0	0	0	0	JEFFERSON CITY	2	2	1	1	1	0
RALLS	0	0	0	0	0	0	KIRKWOOD	0	1	0	0	1	0
RANDOLPH	1	1	0	1	0	0	LEES SUMMIT	0	0	0	0	0	0
RAY	0	0	0	0	0	0	MARYLAND HEIGHTS	2	1	1	1	0	0
REYNOLDS	0	0	0	0	0	0							
RIPLEY	0	0	0	0	0	0	RAYTOWN	0	0	0	0	0	0
ST. CHARLES	2	0	2	0	0	0	ST. CHARLES	0	0	0	0	0	0
ST. CLAIR	0	0	0	0	0	0	ST. JOSEPH	1	0	1	0	0	0
ST. FRANCOIS	0	0	0	0	0	0	ST. LOUIS CITY	128	91	80	48	43	3
STE. GENEVIEVE	0	0	0	0	0	0	ST. PETERS	0	0	0	0	0	0
ST. LOUIS CITY	128	91	80	48	43	3							
ST. LOUIS COUNTY	74	60	38	36	24	0	SPRINGFIELD	1	0	1	0	0	0
SALINE	0	0	0	0	0	0	UNIVERSITY CITY	7	7	4	3	4	0
SCHUYLER	0	0	0	0	0	0							
SCOTLAND	0	0	0	0	0	0	MULTI-COUNTY						
							CITIES						
SCOTT	2	2	0	2	0	0	JOPLIN	0	0	0	0	0	0
SHANNON	0	0	0	0	0	0	JASPER CO. PART	0	0	0	0	0	0
SHELBY	0	0	0	0	0	0	NEWTON CO. PART	0	0	0	0	0	0
STODDARD	0	0	0	0	0	0							
STONE	0	0	0	0	0	0	KANSAS CITY	68	55	39	29	26	0
SULLIVAN	0	0	0	0	0	0	JACKSON CO. PAR	67	55	38	29	26	0
TANEY	0	0	0	0	0	0	CLAY CO. PART	0	0	0	0	0	0
TEXAS	0	0	0	0	0	0	PLATTE CO. PART	1	0	1	0	0	0
VERNON	0	0	0	0	0	0	CASS CO. PART	0	0	0	0	0	0
WARREN	0	0	0	0	0	0							

TABLE 23D

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY REGIONAL PLANNING COMMISSION WITH RATES PER 1,000 LIVE BIRTHS: MISSOURI 1990

REGIONAL PLANNING COMMISSIONS	NUMBER			POST-			RATES			POST-	
	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	NEO- NATAL DEATHS	MATER- NAL DEATHS	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	NEO- NATAL DEATHS
MAJOR METRO REGIONS											
EAST-WEST GATEWAY	407	288	225	182	106	5	13.1	9.3	7.2	5.8	3.4
MID-AMERICA	182	150	95	87	63	0	11.8	9.8	6.2	5.7	4.1
MINOR METRO REGIONS											
SOUTHWEST MISSOURI	69	41	43	26	15	0	12.5	7.4	7.8	4.7	2.7*
MID-MISSOURI	45	47	22	23	24	0	11.1	11.5	5.4	5.6	5.9
MO-KAN	18	13	9	9	4	0	10.4*	7.5*	5.2*	5.2*	2.3*
OZARK GATEWAY	29	14	22	7	7	0	12.4	6.0*	9.4	3.0*	3.0*
NONMETRO REGIONS											
NORTHWEST MISSOURI	6	5	2	4	1	0	11.5*	9.5*	3.8*	7.6*	1.9*
GREEN HILLS	11	10	5	6	4	1	10.5*	9.5*	4.8*	5.7*	3.8*
MISSOURI VALLEY	12	3	9	3	0	0	21.4*	5.4*	16.1*	5.4*	0.0*
NORTHEAST MISSOURI	8	6	4	4	2	0	14.5*	10.9*	7.3*	7.3*	3.6*
MARK TWAIN	14	15	4	10	5	0	8.9*	9.5*	2.5*	6.3*	3.2*
BOONSLICK	4	5	2	2	3	0	4.4*	5.5*	2.2*	2.2*	3.3*
KAYSINGER BASIN	9	13	4	5	8	0	7.4*	10.7*	3.3*	4.1*	6.6*
SHOW-ME	15	14	7	8	6	0	9.5*	8.9*	4.4*	5.1*	3.8*
SOUTH CENTRAL OZARK	16	12	9	7	5	0	11.0*	8.3*	6.2*	4.8*	3.4*
MERAMEC	16	17	7	9	8	0	10.7*	11.4*	4.7*	6.0*	5.4*
LAKE OF THE OZARKS	25	27	12	13	14	0	11.9	12.9	5.7*	6.2*	6.7*
SOUTHEAST MISSOURI	41	29	19	22	7	0	17.2	12.1	7.9*	9.2	2.9*
BOOTHEEL	35	28	18	17	11	0	13.7	10.9	7.0*	6.6*	4.3*
OZARK FOOTHILLS	11	9	7	4	5	0	10.9*	8.9*	6.9*	3.9*	4.9*
MAJOR METRO TOTAL	589	438	320	269	169	5	12.7	9.4	6.9	5.8	3.6
MINOR METRO TOTAL	161	115	96	65	50	0	11.8	8.4	7.0	4.8	3.7
NONMETRO TOTAL	223	193	109	114	79	1	11.8	10.2	5.7	6.0	4.2
STATE TOTAL	973	746	525	448	298	6	12.3	9.4	6.6	5.7	3.8

*RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 23E WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND
MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1990

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST- NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	201	136	103	98	38	2
MID-AMERICA	100	85	51	49	36	0
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	68	41	42	26	15	0
MID-MISSOURI	35	39	16	19	20	0
MO-KAN	17	13	8	9	4	0
OZARK GATEWAY	29	14	22	7	7	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	6	5	2	4	1	0
GREEN HILLS	11	10	5	6	4	1
MISSOURI VALLEY	12	3	9	3	0	0
NORTHEAST MISSOURI	8	6	4	4	2	0
MARK TWAIN	12	14	3	9	5	0
BOONSLICK	4	5	2	2	3	0
KAYSINGER BASIN	9	12	4	5	7	0
SHOW-ME	15	13	7	8	5	0
SOUTH CENTRAL OZARK	16	12	9	7	5	0
MERAMEC	16	13	7	9	4	0
LAKE OF THE OZARKS	23	27	10	13	14	0
SOUTHEAST MISSOURI	36	24	16	20	4	0
BOOTHEEL	27	20	14	13	7	0
OZARK FOOTHILLS	10	7	7	3	4	0
MAJOR METRO TOTAL	301	221	154	147	74	2
MINOR METRO TOTAL	120	93	66	54	39	0
NONMETRO TOTAL	234	185	121	113	72	1
STATE TOTAL	655	499	341	314	185	3

TABLE 23F

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND
MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1990

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST- NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	204	152	120	84	68	3
MID-AMERICA	78	64	41	37	27	0
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	1	0	1	0	0	0
MID-MISSOURI	8	8	4	4	4	0
MO-KAN	1	0	1	0	0	0
OZARK GATEWAY	0	0	0	0	0	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	0	0	0	0	0	0
GREEN HILLS	0	0	0	0	0	0
MISSOURI VALLEY	0	0	0	0	0	0
NORTHEAST MISSOURI	0	0	0	0	0	0
MARK TWAIN	2	1	1	1	0	0
BOONSLICK	0	0	0	0	0	0
KAYSINGER BASIN	0	1	0	0	1	0
SHOW-ME	0	1	0	0	1	0
SOUTH CENTRAL OZARK	0	0	0	0	0	0
MERAHEC	0	4	0	0	4	0
LAKE OF THE OZARKS	2	0	2	0	0	0
SOUTHEAST MISSOURI	5	5	3	2	3	0
BOOTHEEL	8	8	4	4	4	0
OZARK FOOTHILLS	1	2	0	1	1	0
MAJOR METRO TOTAL	282	216	161	121	95	3
MINOR METRO TOTAL	10	8	6	4	4	0
NONMETRO TOTAL	18	22	10	8	14	0
STATE TOTAL	310	246	177	133	113	3

TABLE 24

RESIDENT INFANT DEATHS BY AGE, CAUSE, AND RACE WITH RATES PER 1,000
LIVE BIRTHS BY CAUSE AND RACE: MISSOURI 1990

CAUSE	RACE	NUMBER	RATE	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	UNDER 1 HR	OVER 1 HR UNDER 1 DAY	OVER 1 DAY UNDER 7 DAS	OVER 7 DAS UNDER 28 DAS	OVER 28 DAS UNDER 3 MOS	OVER 3 MOS UNDER 6 MOS	OVER 6 MOS UNDER 1 YEAR	UNDER 1 YEAR UNKNOWN UNITS
ALL CAUSES	WHITE	499	7.7	314	185	48	128	77	61	83	60	42	0
	BLACK	246	18.2	133	113	27	53	33	19	45	43	25	1
	TOTAL	746	9.4	448	298	75	181	110	81	128	103	67	1
GASTROINTESTINAL DISEASES (008-009, 535, 555-558)	WHITE	4	0.1	1	3	0	0	1	0	1	0	2	0
	BLACK	0	0.0	0	0	0	0	0	0	0	0	0	0
	TOTAL	4	0.1	1	3	0	0	1	0	1	0	2	0
PNEUMONIA AND INFLUENZA (480-487)	WHITE	3	0.0	0	3	0	0	0	0	1	1	1	0
	BLACK	4	0.3	0	4	0	0	0	0	1	1	2	0
	TOTAL	7	0.1	0	7	0	0	0	0	2	2	3	0
CONGENITAL ANOMALIES (740-759)	WHITE	135	2.1	102	33	10	41	28	23	14	10	9	0
	BLACK	31	2.3	18	13	2	6	6	4	4	3	6	0
	TOTAL	166	2.1	120	46	12	47	34	27	18	13	15	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED BIRTHWEIGHT (765)	WHITE	52	0.8	52	0	18	31	3	0	0	0	0	0
	BLACK	25	1.8	25	0	13	11	1	0	0	0	0	0
	TOTAL	77	1.0	77	0	31	42	4	0	0	0	0	0
BIRTH TRAUMA (767)	WHITE	4	0.1	4	0	0	1	3	0	0	0	0	0
	BLACK	5	0.4	3	2	0	0	3	0	0	0	2	0
	TOTAL	9	0.1	7	2	0	1	6	0	0	0	2	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA (768)	WHITE	5	0.1	5	0	1	2	2	0	0	0	0	0
	BLACK	3	0.2	3	0	2	0	1	0	0	0	0	0
	TOTAL	8	0.1	8	0	3	2	3	0	0	0	0	0
RESPIRATORY DISTRESS SYNDROME (769)	WHITE	25	0.4	25	0	0	9	13	3	0	0	0	0
	BLACK	19	1.4	19	0	1	9	8	1	0	0	0	0
	TOTAL	45	0.6	45	0	1	18	21	5	0	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-764, 766, 770-779)	WHITE	110	1.7	99	11	18	39	21	21	6	3	2	0
	BLACK	66	4.9	57	9	9	27	13	7	3	5	1	1
	TOTAL	176	2.2	156	20	27	66	34	28	9	8	3	1
SUDDEN INFANT DEATH SYNDROME (798.0)	WHITE	75	1.2	5	70	0	0	0	5	41	23	6	0
	BLACK	60	4.4	4	56	0	0	0	4	25	27	4	0
	TOTAL	135	1.7	9	126	0	0	0	9	66	50	10	0
ACCIDENTS (800-949)	WHITE	16	0.2	2	14	0	0	0	2	2	4	8	0
	BLACK	3	0.2	0	3	0	0	0	0	2	1	0	0
	TOTAL	19	0.2	2	17	0	0	0	2	4	5	8	0
ALL OTHER CAUSES RESIDUAL	WHITE	70	1.1	19	51	1	5	6	7	18	19	14	0
	BLACK	30	2.2	4	26	0	0	1	3	10	6	10	0
	TOTAL	100	1.3	23	77	1	5	7	10	28	25	24	0

NUMBER IN PARENTHESIS REFERS TO CODE NUMBERS IN THE 9TH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES

TABLE 25

RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY AGE OF MOTHER BY BIRTH ORDER:
MISSOURI 1990

AGE OF MOTHER	ALL BIRTHS ORDERS	NUMBER BIRTH ORDER				ALL BIRTH ORDERS	RATES BIRTH ORDER			
		1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE		1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE
ALL AGES	748	198	357	145	48	9.5	7.6	9.2	13.1	15.3
UNDER 18	67	38	29	0	0	16.2	11.5	36.0	0.0*	0.0*
18-19	97	40	48	9	0	13.3	9.1	18.1	42.3*	0.0*
20-24	227	51	121	46	9	10.5	6.5	10.9	19.9	25.4*
25-29	176	41	82	38	15	7.1	5.8	6.2	10.2	16.5*
30-34	123	18	64	27	14	8.0	6.6*	7.5	8.4	13.8*
35-39	45	5	8	24	8	9.0	7.8*	3.5*	17.3	12.0*
40 AND OVER	7	0	4	1	2	9.5*	0.0*	15.9*	4.3*	10.5*

TABLE 26

RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY BIRTH WEIGHT BY RACE OF MOTHER:
MISSOURI 1990

BIRTH WEIGHT (GRAMS)	ALL RACES	NUMBER		ALL RACES	RATES	
		WHITE	BLACK		WHITE	BLACK
ALL WEIGHTS	748	493	244	9.5	7.7	18.0
UNDER 500	95	56	36	969.4	1000.0	923.1
500-999	162	93	66	429.7	428.6	420.4
1,000-1,499	61	40	18	128.4	140.8	100.0*
1,500-1,999	55	40	15	49.2	51.4	45.0*
2,000-2,499	67	46	21	18.8	19.0	19.2
2,500-2,999	101	62	39	8.0	6.7	12.2
3,000-3,499	115	89	26	4.0	3.8	5.1
3,500-3,999	55	38	17	2.3	1.8	6.2*
4,000 AND OVER	22	16	6	2.6	2.1*	9.1*

TOTALS IN TABLES 25 AND 26 DO NOT AGREE WITH THE TOTALS IN TABLES 23 AND 24 BECAUSE TABLES 25 AND 26 INCLUDE ONLY INFANT DEATHS WHICH HAVE BEEN MATCHED WITH THEIR CORRESPONDING BIRTH RECORD.

* RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 27A

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1990

	ALL RACES	STATE TOTAL CRUDE RATE	STATE TOTAL AGE-ADJ RATE	WHITE	BLACK	EAST- WEST GATEWAY	MID- AMERICA	SOUTHWEST MISSOURI	MID- MISSOURI
ALL CAUSES	50,212	981.3	823.4	44,746	5,271	16,742	8,140	3,980	2,327
TUBERCULOSIS	33	0.6	0.5	26	6	12	6	3	2
AIDS	302	5.9	4.9	227	75	132	91	38	6
SYPHILIS	0	0.0	0.0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	517	10.1	8.5	434	81	174	118	36	19
MALIGNANT NEOPLASMS	11,613	226.9	204.3	10,320	1,242	4,127	1,954	949	506
DIGESTIVE ORGANS	2,624	51.3	44.8	2,285	326	982	418	195	103
RESPIRATORY ORGANS	3,568	69.7	65.5	3,162	388	1,278	623	284	162
BREAST	983	19.2	17.5	879	98	344	165	73	50
GENITAL ORGANS	1,230	24.0	20.6	1,078	150	420	218	116	52
URINARY ORGANS	489	9.6	8.4	445	42	175	74	41	24
LEUKEMIA	429	8.4	7.5	397	27	145	62	32	17
OTHER MALIG. NEOPL.	2,290	44.8	40.0	2,074	211	783	394	208	98
DIABETES MELLITUS	1,077	21.0	17.9	909	167	378	163	76	48
MAJOR CARDIOVASC. DISEASE	22,451	438.7	351.9	20,377	2,003	7,330	3,355	1,746	992
DISEASES OF HEART	17,724	346.4	280.0	16,083	1,581	5,901	2,641	1,364	735
RHEUMATIC FEVER & RHEUM. HEART DISEASE	108	2.1	1.8	98	9	43	15	5	3
HYPERTENSIVE HEART	486	9.5	7.8	352	133	229	112	21	10
ISCHEMIC HEART	12,790	249.9	202.4	11,716	1,032	4,515	1,784	997	526
OTHER HEART DISEASE	4,340	84.8	68.0	3,917	407	1,114	730	341	196
HYPERTENSION	199	3.9	3.1	160	38	80	37	8	11
CEREBROVASCULAR DISEASE	3,470	67.8	52.7	3,155	306	1,044	512	288	193
ATHEROSCLEROSIS	436	8.5	6.1	411	25	99	64	37	27
OTHER MAJOR CARDIOVASC.	622	12.2	10.1	568	53	206	101	49	26
PNEUMONIA & INFLUENZA	2,056	40.2	29.9	1,917	131	677	299	154	90
CHRONIC PULMONARY DISEASE	2,109	41.2	35.3	2,000	104	604	380	180	116
ULCER OF STOMACH	129	2.5	2.0	119	9	48	24	9	7
LIVER DISEASE & CIRRHOSIS	419	8.2	7.8	349	62	152	82	23	22
NEPHRITIS & NEPHROSIS	509	9.9	7.7	443	63	137	91	56	29
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	6	0.1	0.1	3	3	5	0	0	0
CONGENITAL ANOMALIES	276	5.4	5.5	227	46	101	61	10	15
DISEASES OF EARLY INFANCY	315	6.2	6.4	196	118	137	61	19	19
SYMPTOMS & ILL-DEF. COND.	353	6.9	6.4	267	86	103	52	37	20
ALL OTHER DISEASES	4,742	92.7	74.7	4,196	530	1,532	836	371	279
ACCIDENTAL DEATHS	2,045	40.0	37.1	1,820	210	588	294	188	108
MOTOR VEHICLE	1,071	20.9	20.3	971	88	262	159	111	55
OTHER ACC. DEATHS	974	19.0	16.7	849	122	326	135	77	53
SUICIDE	714	14.0	12.6	667	43	230	134	65	38
HOMICIDE & LEGAL INTERV	472	9.2	8.4	191	277	249	129	13	11
ALL OTHER EXTERNAL CAUSES	74	1.4	1.4	58	15	26	10	7	0

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1990

	MO-KAN	NORTHWEST MISSOURI	GREEN HILLS	MISSOURI VALLEY	NORTHEAST MISSOURI	MARK TWIN	BOONSLICK	OZARK GATEWAY
ALL CAUSES	1,424	558	1,155	588	507	1,424	549	1,825
TUBERCULOSIS	1	0	0	0	0	0	0	3
AIDS	7	0	2	1	0	2	2	7
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	16	8	12	6	5	14	3	14
MALIGNANT NEOPLASMS	310	117	216	118	109	325	125	396
DIGESTIVE ORGANS	59	22	48	24	32	89	29	71
RESPIRATORY ORGANS	91	31	53	32	32	83	36	134
BREAST	27	11	17	13	11	35	11	34
GENITAL ORGANS	42	14	31	10	9	34	14	50
URINARY ORGANS	15	6	11	6	6	16	3	22
LEUKEMIA	11	5	10	1	5	8	3	25
OTHER MALIG. NEOPL.	65	28	46	32	14	60	29	60
DIABETES MELLITUS	39	13	23	10	10	28	11	51
MAJOR CARDIOVASC. DISEASE	665	260	568	302	243	643	242	869
DISEASES OF HEART	506	197	426	229	174	495	189	683
RHEUMATIC FEVER & RHEUM. HEART DISEASE	4	0	2	0	0	4	0	4
HYPERTENSIVE HEART	9	0	5	4	2	15	4	9
ISCHEMIC HEART	347	132	323	142	114	328	147	472
OTHER HEART DISEASE	146	65	96	83	58	148	38	198
HYPERTENSION	7	1	3	0	3	7	1	10
CEREBROVASCULAR DISEASE	118	51	111	56	46	85	33	145
ATHEROSCLEROSIS	15	6	9	5	10	34	14	9
OTHER MAJOR CARDIOVASC.	19	5	19	12	10	22	5	22
PNEUMONIA & INFLUENZA	51	48	59	29	40	70	22	64
CHRONIC PULMONARY DISEASE	63	27	66	25	6	68	28	87
ULCER OF STOMACH	3	3	3	3	1	1	1	3
LIVER DISEASE & CIRRHOSIS	11	6	4	2	2	9	1	21
NEPHRITIS & NEPHROSIS	12	3	15	2	7	15	6	20
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	1	0	0	0	0	0
CONGENITAL ANOMALIES	6	2	2	1	4	6	1	5
DISEASES OF EARLY INFANCY	6	4	4	2	1	9	1	4
SYMPTOMS & ILL-DEF. COND.	18	1	3	2	3	9	11	11
ALL OTHER DISEASES	152	50	110	49	53	136	42	159
ACCIDENTAL DEATHS	42	11	47	34	19	69	36	79
MOTOR VEHICLE	24	7	22	20	11	40	20	39
OTHER ACC. DEATHS	18	4	25	14	8	29	16	40
SUICIDE	18	3	14	1	3	16	13	25
HOMICIDE & LEGAL INTERV	4	1	4	1	0	0	2	6
ALL OTHER EXTERNAL CAUSES	0	1	2	0	1	4	2	1

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1990

	KAYSIN- GER BASIN	SHOW-ME	SOUTH CEN. OZARK	HERAMEC	LAKE OF THE OZARKS	SOUTHEAST MISSOURI	BOOTHEEL	OZARK FOOTHILLS
ALL CAUSES	1,390	1,038	1,217	1,177	1,289	2,023	1,920	937
TUBERCULOSIS	0	0	1	1	0	0	2	2
AIDS	2	1	3	0	2	4	1	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	20	13	11	5	10	10	17	6
MALIGNANT NEOPLASMS	301	223	271	238	294	444	414	175
DIGESTIVE ORGANS	71	48	68	66	69	113	76	41
RESPIRATORY ORGANS	106	63	82	64	92	129	130	63
BREAST	22	18	12	25	24	44	39	8
GENITAL ORGANS	27	24	29	28	28	37	32	15
URINARY ORGANS	14	10	11	5	9	13	20	8
LEUKEMIA	11	11	14	16	10	15	22	6
OTHER MALIG. NEOPL.	50	49	55	34	62	93	95	34
DIABETES MELLITUS	31	13	28	22	18	45	35	35
MAJOR CARDIOVASC. DISEASE	659	481	575	553	584	969	983	432
DISEASES OF HEART	520	396	449	425	459	756	815	364
RHEUMATIC FEVER & RHEUM. HEART DISEASE	6	6	2	1	6	3	2	2
HYPERTENSIVE HEART	10	4	11	4	8	13	12	4
ISCHEMIC HEART	348	277	316	335	329	587	556	215
OTHER HEART DISEASE	156	109	120	85	116	153	245	143
HYPERTENSION	4	4	5	1	4	8	3	2
CEREBROVASCULAR DISEASE	106	69	91	93	87	153	140	49
ATHEROSCLEROSIS	12	6	10	17	16	29	8	9
OTHER MAJOR CARDIOVASC.	17	6	20	17	18	23	17	8
PNEUMONIA & INFLUENZA	74	58	34	43	40	96	56	52
CHRONIC PULMONARY DISEASE	44	37	63	42	72	87	76	38
ULCER OF STOMACH	2	5	1	3	1	4	5	2
LIVER DISEASE & CIRRHOSIS	11	10	6	9	8	12	20	7
NEPHRITIS & NEPHROSIS	20	14	13	15	7	19	16	12
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	11	6	7	10	11	7	7
DISEASES OF EARLY INFANCY	5	4	2	3	7	14	12	1
SYMPTOMS & ILL-DEF. COND.	6	8	6	30	15	4	7	7
ALL OTHER DISEASES	118	97	114	125	107	185	145	82
ACCIDENTAL DEATHS	67	45	60	61	81	78	89	49
MOTOR VEHICLE	43	20	34	34	49	44	52	25
OTHER ACC. DEATHS	24	25	26	27	32	34	37	24
SUICIDE	24	13	18	7	22	35	18	17
HOMICIDE & LEGAL INTERV	2	5	2	12	6	5	11	9
ALL OTHER EXTERNAL CAUSES	1	0	3	1	5	1	6	3

TABLE 27B

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	ADAIR	ANDREW	ATCHISON	AUDRAIN	BARRY	BARTON	BATES	BENTON
ALL CAUSES	215	139	100	286	305	148	221	205
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	0	0	1	1	1	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	1	3	1	2	1	2	4
MALIGNANT NEOPLASMS	52	26	19	63	60	29	47	52
DIGESTIVE ORGANS	13	4	5	12	11	8	12	9
RESPIRATORY ORGANS	17	6	4	14	21	5	17	18
BREAST	8	3	1	7	3	2	1	4
GENITAL ORGANS	4	7	4	8	5	6	4	7
URINARY ORGANS	2	0	1	2	8	3	2	3
LEUKEMIA	1	1	0	3	1	0	1	0
OTHER MALIG. NEOPL.	7	5	4	17	11	5	10	11
DIABETES MELLITUS	6	8	4	1	7	5	11	8
MAJOR CARDIOVASC. DISEASE	93	69	53	126	142	76	96	86
DISEASES OF HEART	69	53	34	96	112	56	74	72
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	1	0	0	0	0	1	1
HYPERTENSIVE HEART	0	4	0	1	1	0	2	0
ISCHEMIC HEART	42	34	23	68	88	44	44	55
OTHER HEART DISEASE	27	14	11	27	23	12	27	16
HYPERTENSION	3	3	1	1	0	0	1	2
CEREBROVASCULAR DISEASE	13	9	16	19	27	17	17	7
ATHEROSCLEROSIS	5	1	1	3	2	0	2	0
OTHER MAJOR CARDIOVASC.	3	3	1	7	1	3	2	5
PNEUMONIA & INFLUENZA	15	5	4	9	17	4	14	12
CHRONIC PULMONARY DISEASE	1	6	5	21	23	6	6	9
ULCER OF STOMACH	1	0	1	1	1	1	0	0
LIVER DISEASE & CIRRHOSIS	1	0	1	3	1	1	2	0
NEPHRITIS & NEPHROSIS	2	2	0	2	2	2	6	1
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	0	0	3	0	0	0	1
DISEASES OF EARLY INFANCY	0	1	0	3	2	0	1	1
SYMPTOMS & ILL-DEF. COND.	2	0	0	1	1	2	3	1
ALL OTHER DISEASES	27	14	10	39	29	10	17	12
ACCIDENTAL DEATHS	7	4	0	7	13	6	11	14
MOTOR VEHICLE	4	4	0	5	6	3	6	11
OTHER ACC. DEATHS	3	0	0	2	7	3	5	3
SUICIDE	2	3	0	3	2	4	4	4
HOMICIDE & LEGAL INTERV	0	0	0	3	2	0	0	0
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	BOLLINGER	BOONE	BUCHANAN	BUTLER	CALDWELL	CALLAWAY	CAMDEN	CAPE GIRARDEAU
ALL CAUSES	124	673	1,002	457	107	307	275	578
TUBERCULOSIS	0	0	1	1	0	0	0	0
AIDS	0	3	6	1	0	0	0	3
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	0	2	12	3	2	3	3	2
MALIGNANT NEOPLASMS	24	152	225	96	18	77	79	132
DIGESTIVE ORGANS	4	27	42	24	2	19	22	38
RESPIRATORY ORGANS	7	55	68	30	2	25	21	34
BREAST	2	19	19	5	3	6	5	16
GENITAL ORGANS	2	13	27	11	2	8	12	6
URINARY ORGANS	0	9	12	6	0	4	4	2
LEUKEMIA	1	7	5	3	3	2	1	7
OTHER MALIG. NEOPL.	8	22	52	17	6	13	14	29
DIABETES MELLITUS	1	25	28	20	2	4	3	7
MAJOR CARDIOVASC. DISEASE	74	250	451	201	54	123	114	292
DISEASES OF HEART	44	183	345	172	46	92	90	219
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	2	0	0	1	2	1
HYPERTENSIVE HEART	0	3	4	2	0	0	2	4
ISCHEMIC HEART	31	125	245	111	24	64	58	168
OTHER HEART DISEASE	13	55	94	59	22	27	28	46
HYPERTENSION	1	6	4	2	0	0	3	3
CEREBROVASCULAR DISEASE	22	48	83	23	7	27	16	45
ATHEROSCLEROSIS	2	6	8	3	0	1	2	17
OTHER MAJOR CARDIOVASC.	5	7	11	1	1	3	3	8
PNEUMONIA & INFLUENZA	4	22	34	28	4	13	10	22
CHRONIC PULMONARY DISEASE	6	30	47	19	6	13	10	19
ULCER OF STOMACH	0	1	2	2	0	1	0	1
LIVER DISEASE & CIRRHOSIS	0	7	11	4	0	4	3	5
NEPHRITIS & NEPHROSIS	0	7	5	7	0	4	0	6
COMPLICATIONS OF PREG., CHILD BIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	5	6	3	0	0	0	3
DISEASES OF EARLY INFANCY	0	10	5	1	0	4	1	6
SYMPTOMS & ILL-DEF. COND.	0	4	15	2	1	1	4	4
ALL OTHER DISEASES	7	105	110	38	11	36	27	47
ACCIDENTAL DEATHS	5	30	26	14	7	18	14	19
MOTOR VEHICLE	1	12	15	6	5	6	5	11
OTHER ACC. DEATHS	4	18	11	8	2	12	9	8
SUICIDE	2	15	14	12	2	6	5	8
HOMICIDE & LEGAL INTERV	0	5	4	4	0	0	1	2
ALL OTHER EXTERNAL CAUSES	0	0	0	1	0	0	1	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	CARROLL	CARTER	CASS	CEDAR	CHARITON	CHRISTIAN	CLARK	CLAY
ALL CAUSES	142	50	489	206	143	221	104	1,079
TUBERCULOSIS	0	0	0	0	0	0	0	2
AIDS	0	0	2	0	1	1	0	6
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	5	0	5	4	0	2	1	10
MALIGNANT NEOPLASMS	30	11	116	50	26	59	15	270
DIGESTIVE ORGANS	5	3	23	12	4	12	4	62
RESPIRATORY ORGANS	8	5	35	20	8	15	1	97
BREAST	3	1	15	2	2	4	3	14
GENITAL ORGANS	3	0	14	4	3	10	0	39
URINARY ORGANS	2	0	2	1	1	2	1	8
LEUKEMIA	0	0	6	4	0	1	2	11
OTHER MALIG. NEOPL.	9	2	21	7	8	15	4	39
DIABETES MELLITUS	2	2	6	4	4	1	2	19
MAJOR CARDIOVASC. DISEASE	70	23	216	102	74	96	57	440
DISEASES OF HEART	55	21	166	76	55	74	42	346
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	1	0	0	1	0	1
HYPERTENSIVE HEART	0	0	2	0	2	0	0	9
ISCHEMIC HEART	33	5	104	56	36	38	34	242
OTHER HEART DISEASE	22	16	59	20	17	35	8	94
HYPERTENSION	0	0	2	0	0	1	0	6
CEREBROVASCULAR DISEASE	12	1	42	23	13	15	8	72
ATHEROSCLEROSIS	0	0	0	2	3	4	3	4
OTHER MAJOR CARDIOVASC.	3	1	6	1	3	2	4	12
PNEUMONIA & INFLUENZA	5	0	12	7	6	14	10	44
CHRONIC PULMONARY DISEASE	6	3	24	7	4	12	1	66
ULCER OF STOMACH	1	0	4	0	0	0	0	3
LIVER DISEASE & CIRRHOSIS	0	0	5	1	2	0	1	17
NEPHRITIS & NEPHROSIS	0	1	12	4	1	4	0	14
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	0	2	1	0	0	0	10
DISEASES OF EARLY INFANCY	2	0	3	0	0	0	1	10
SYMPTOMS & ILL-DEF. COND.	1	1	3	0	1	1	1	3
ALL OTHER DISEASES	11	4	51	11	9	14	10	98
ACCIDENTAL DEATHS	7	5	17	13	15	11	4	33
MOTOR VEHICLE	2	3	12	12	11	6	2	23
OTHER ACC. DEATHS	5	2	5	1	4	5	2	10
SUICIDE	1	0	7	2	0	5	0	22
HOMICIDE & LEGAL INTERV	0	0	3	0	0	1	0	12
ALL OTHER EXTERNAL CAUSES	0	0	1	0	0	0	1	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	CLINTON	COLE	COOPER	CRAWFORD	DADE	DALLAS	DAVIESS	DE KALB
ALL CAUSES	178	507	169	218	110	136	94	105
TUBERCULOSIS	0	2	0	1	0	0	0	0
AIDS	1	2	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	6	2	0	0	0	0	1
MALIGNANT NEOPLASMS	34	116	37	50	17	30	18	25
DIGESTIVE ORGANS	7	26	8	14	4	5	5	6
RESPIRATORY ORGANS	10	35	13	13	5	12	4	7
BREAST	3	11	2	5	0	2	1	2
GENITAL ORGANS	3	12	3	5	2	3	1	5
URINARY ORGANS	3	4	2	2	0	1	1	0
LEUKEMIA	2	3	1	4	1	0	1	3
OTHER MALIG. NEOPL.	6	25	8	7	5	7	5	2
DIABETES MELLITUS	3	7	1	1	4	2	1	0
MAJOR CARDIOVASC. DISEASE	91	225	82	95	48	56	53	54
DISEASES OF HEART	65	162	62	81	36	40	39	43
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	1	1	1	0	0	1	0	0
HYPERTENSIVE HEART	1	3	0	1	0	3	0	0
ISCHEMIC HEART	38	117	49	69	25	25	31	30
OTHER HEART DISEASE	25	41	12	11	11	11	8	13
HYPERTENSION	0	2	1	0	0	0	0	0
CEREBROVASCULAR DISEASE	17	53	16	13	6	14	12	9
ATHEROSCLEROSIS	6	4	1	1	4	2	0	0
OTHER MAJOR CARDIOVASC.	3	4	2	0	2	0	2	2
PNEUMONIA & INFLUENZA	8	24	8	9	2	6	3	4
CHRONIC PULMONARY DISEASE	4	24	8	7	2	5	3	6
ULCER OF STOMACH	1	4	0	1	0	0	0	0
LIVER DISEASE & CIRRHOSIS	0	4	0	1	2	0	1	0
NEPHRITIS & NEPHROSIS	4	5	6	4	1	4	1	1
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	4	1	1	0	1	0	0
DISEASES OF EARLY INFANCY	0	1	0	0	0	0	1	0
SYMPTOMS & ILL-DEF. COND.	3	8	1	2	12	1	1	0
ALL OTHER DISEASES	17	44	13	28	12	17	7	11
ACCIDENTAL DEATHS	9	21	10	11	8	10	4	3
MOTOR VEHICLE	4	12	7	7	7	9	2	1
OTHER ACC. DEATHS	5	9	3	4	1	1	2	2
SUICIDE	1	9	0	4	2	3	0	0
HOMICIDE & LEGAL INTERV	0	1	0	3	0	0	1	0
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	1	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	DENT	DOUGLAS	DUNKLIN	FRANKLIN	GASCONADE	GENTRY	GREENE	GRUNDY
ALL CAUSES	158	122	474	711	196	87	1,870	185
TUBERCULOSIS	0	0	0	0	0	0	3	0
AIDS	0	0	0	2	0	0	32	2
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	0	0	7	8	0	0	21	0
MALIGNANT NEOPLASMS	34	32	97	145	35	19	432	39
DIGESTIVE ORGANS	7	12	14	30	11	1	87	12
RESPIRATORY ORGANS	14	12	34	46	7	6	127	13
BREAST	4	0	10	16	6	2	34	0
GENITAL ORGANS	6	3	7	8	2	4	48	3
URINARY ORGANS	1	1	2	4	0	1	18	3
LEUKEMIA	1	1	3	5	1	2	19	1
OTHER MALIG. NEOPL.	1	3	27	36	8	3	99	7
DIABETES MELLITUS	6	2	12	20	5	1	40	3
MAJOR CARDIOVASC. DISEASE	71	51	256	317	104	42	818	87
DISEASES OF HEART	55	44	214	251	68	35	627	63
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	0	3	0	0	3	0
HYPERTENSIVE HEART	1	1	4	6	0	0	12	0
ISCHEMIC HEART	39	27	155	171	55	25	452	47
OTHER HEART DISEASE	15	16	55	71	13	10	160	16
HYPERTENSION	0	1	0	1	1	0	4	0
CEREBROVASCULAR DISEASE	14	4	37	53	25	5	150	19
ATHEROSCLEROSIS	1	0	3	4	6	1	14	1
OTHER MAJOR CARDIOVASC.	1	2	2	8	4	1	23	4
PNEUMONIA & INFLUENZA	3	1	15	32	7	7	56	10
CHRONIC PULMONARY DISEASE	3	5	18	32	6	4	89	9
ULCER OF STOMACH	1	0	0	0	0	1	5	1
LIVER DISEASE & CIRRHOSIS	0	0	5	4	2	2	12	1
NEPHRITIS & NEPHROSIS	1	0	4	7	0	1	33	3
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	0	3	0	4	1	0	6	0
DISEASES OF EARLY INFANCY	0	0	1	5	0	0	12	0
SYMPTOMS & ILL-DEF. COND.	0	1	2	16	6	0	8	0
ALL OTHER DISEASES	26	17	30	59	16	8	190	20
ACCIDENTAL DEATHS	10	7	17	45	12	2	68	8
MOTOR VEHICLE	5	4	11	35	6	1	34	3
OTHER ACC. DEATHS	5	3	6	10	6	1	34	5
SUICIDE	1	2	6	10	0	0	34	1
HOMICIDE & LEGAL INTERV	2	1	1	4	2	0	8	0
ALL OTHER EXTERNAL CAUSES	0	0	3	1	0	0	3	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	HARRISON	HENRY	HICKORY	HOLT	HOWARD	HOWELL	IRON	JACKSON
ALL CAUSES	143	282	128	103	128	390	176	6,042
TUBERCULOSIS	0	0	0	0	0	0	0	3
AIDS	0	0	1	0	1	1	0	81
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	3	1	0	2	4	2	97
MALIGNANT NEOPLASMS	21	55	28	26	22	91	34	1,443
DIGESTIVE ORGANS	6	13	9	6	4	21	7	311
RESPIRATORY ORGANS	6	22	8	7	10	30	14	438
BREAST	1	3	4	1	3	2	4	129
GENITAL ORGANS	1	2	1	4	1	10	2	156
URINARY ORGANS	2	3	3	3	1	3	1	61
LEUKEMIA	0	3	0	1	1	6	0	40
OTHER MALIG. NEOPL.	5	9	3	4	2	19	6	308
DIABETES MELLITUS	2	2	3	0	4	5	3	120
MAJOR CARDIOVASC. DISEASE	75	153	51	43	56	181	85	2,490
DISEASES OF HEART	62	128	39	34	37	139	77	1,947
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	1	1	0	0	1	0	11
HYPERTENSIVE HEART	1	1	2	0	0	4	3	98
ISCHEMIC HEART	52	97	23	24	25	99	64	1,323
OTHER HEART DISEASE	9	29	13	10	12	35	10	515
HYPERTENSION	0	0	0	0	0	3	1	28
CEREBROVASCULAR DISEASE	9	22	9	8	11	28	7	375
ATHEROSCLEROSIS	2	1	0	0	6	5	0	60
OTHER MAJOR CARDIOVASC.	2	2	3	1	2	6	0	80
PNEUMONIA & INFLUENZA	11	16	2	12	6	12	14	223
CHRONIC PULMONARY DISEASE	9	6	4	7	3	20	10	267
ULCER OF STOMACH	0	0	2	0	0	0	0	16
LIVER DISEASE & CIRRHOSIS	1	2	3	0	1	2	0	56
NEPHRITIS & NEPHROSIS	2	3	4	0	1	7	2	61
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	0	1	0	2	1	46
DISEASES OF EARLY INFANCY	0	1	0	0	0	1	0	44
SYMPTOMS & ILL-DEF. COND.	0	0	2	0	3	2	0	40
ALL OTHER DISEASES	12	24	19	10	21	34	13	620
ACCIDENTAL DEATHS	4	10	5	2	5	22	8	215
MOTOR VEHICLE	2	4	3	1	4	14	4	109
OTHER ACC. DEATHS	2	6	2	1	1	8	4	106
SUICIDE	4	5	3	0	3	6	2	100
HOMICIDE & LEGAL INTERV	0	2	0	1	0	0	1	111
ALL OTHER EXTERNAL CAUSES	0	0	0	1	0	0	1	9

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	JASPER	JEFFERSON	JOHNSON	KNOX	LACLEDE	LAFAYETTE	LAWRENCE	LEWIS
ALL CAUSES	1,015	1,133	225	71	308	370	359	115
TUBERCULOSIS	1	0	0	0	0	0	0	0
AIDS	4	8	0	0	0	0	1	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	6	13	1	1	1	4	1	1
MALIGNANT NEOPLASMS	234	297	50	13	65	74	82	24
DIGESTIVE ORGANS	41	60	9	5	19	16	12	10
RESPIRATORY ORGANS	81	108	14	4	22	21	21	5
BREAST	20	31	6	0	5	7	6	2
GENITAL ORGANS	28	28	3	2	5	13	11	3
URINARY ORGANS	8	10	4	1	2	3	4	1
LEUKEMIA	19	15	2	0	2	3	1	1
OTHER MALIG. NEOPL.	37	45	12	1	10	11	27	2
DIABETES MELLITUS	23	21	1	0	2	2	4	2
MAJOR CARDIOVASC. DISEASE	487	484	109	34	145	183	179	49
DISEASES OF HEART	377	407	91	25	132	156	147	41
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	2	1	0	0	1	2	0	1
HYPERTENSIVE HEART	6	7	2	1	1	2	1	0
ISCHEMIC HEART	276	313	67	13	100	109	114	24
OTHER HEART DISEASE	93	86	22	11	30	43	32	16
HYPERTENSION	6	4	0	0	0	1	1	1
CEREBROVASCULAR DISEASE	83	59	13	7	10	24	27	5
ATHEROSCLEROSIS	9	5	2	0	0	0	2	0
OTHER MAJOR CARDIOVASC.	12	9	3	2	3	2	2	2
PNEUMONIA & INFLUENZA	35	46	10	6	8	23	22	6
CHRONIC PULMONARY DISEASE	48	51	5	2	16	12	14	2
ULCER OF STOMACH	1	3	1	0	1	0	0	1
LIVER DISEASE & CIRRHOSIS	15	8	3	0	0	4	2	1
NEPHRITIS & NEPHROSIS	9	11	2	3	5	7	2	4
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	1	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	8	6	0	3	1	0	1
DISEASES OF EARLY INFANCY	2	2	3	0	2	0	0	1
SYMPTOMS & ILL-DEF. COND.	6	8	2	0	5	2	2	1
ALL OTHER DISEASES	84	84	16	8	26	34	30	12
ACCIDENTAL DEATHS	37	55	12	3	20	17	14	9
MOTOR VEHICLE	18	37	6	1	12	9	10	7
OTHER ACC. DEATHS	19	18	6	2	8	8	4	2
SUICIDE	14	19	3	1	6	5	6	1
HOMICIDE & LEGAL INTERV	6	10	1	0	2	2	0	0
ALL OTHER EXTERNAL CAUSES	0	4	0	0	1	0	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	LINCOLN	LINN	LIVINGSTON	MC DONALD	MACON	MADISON	MARIES	MARION
ALL CAUSES	246	219	171	186	239	146	77	320
TUBERCULOSIS	0	0	0	1	0	0	0	0
AIDS	0	0	0	0	1	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	2	2	3	4	0	2	1
MALIGNANT NEOPLASMS	54	49	28	31	40	34	22	72
DIGESTIVE ORGANS	14	6	6	4	13	7	3	17
RESPIRATORY ORGANS	19	13	6	12	9	17	6	18
BREAST	4	7	2	2	0	1	3	8
GENITAL ORGANS	6	12	5	5	3	2	2	5
URINARY ORGANS	0	1	1	4	1	0	2	8
LEUKEMIA	1	3	2	0	2	0	3	0
OTHER MALIG. NEOPL.	10	7	6	4	12	7	3	16
DIABETES MELLITUS	4	6	5	6	6	6	3	4
MAJOR CARDIOVASC. DISEASE	102	109	78	87	114	63	34	157
DISEASES OF HEART	86	72	57	81	87	49	24	128
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	1	0	1	1	0	0	1
HYPERTENSIVE HEART	3	1	0	1	7	1	0	2
ISCHEMIC HEART	66	58	50	49	62	37	14	82
OTHER HEART DISEASE	17	12	7	30	17	11	10	43
HYPERTENSION	1	0	2	0	1	1	0	1
CEREBROVASCULAR DISEASE	10	32	16	6	19	11	6	13
ATHEROSCLEROSIS	4	0	0	0	4	2	2	8
OTHER MAJOR CARDIOVASC.	1	5	3	0	3	0	2	7
PNEUMONIA & INFLUENZA	13	8	10	8	8	7	2	20
CHRONIC PULMONARY DISEASE	14	13	12	9	13	5	2	14
ULCER OF STOMACH	0	1	0	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	0	0	0	1	1	0	1	2
NEPHRITIS & NEPHROSIS	2	1	3	2	3	4	0	3
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	2	0	1	0	0	0	1
DISEASES OF EARLY INFANCY	0	1	1	0	0	1	1	2
SYMPTOMS & ILL-DEF. COND.	5	0	0	0	0	0	2	1
ALL OTHER DISEASES	21	15	22	21	31	17	5	30
ACCIDENTAL DEATHS	18	11	8	13	12	7	3	10
MOTOR VEHICLE	9	6	2	6	7	5	2	6
OTHER ACC. DEATHS	9	5	6	7	5	2	1	4
SUICIDE	9	1	1	2	6	1	0	0
HOMICIDE & LEGAL INTERV	2	0	1	0	0	0	0	0
ALL OTHER EXTERNAL CAUSES	1	0	0	0	0	0	0	2

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	MERCER	MILLER	MISSISS- SIPPI	MONITEAU	MONROE	MONTGOMERY	MORGAN	NEW MADRID
ALL CAUSES	52	229	178	139	106	148	229	237
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	0	0	0	1	1	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	2	1	2	1	1	0	1
MALIGNANT NEOPLASMS	12	44	48	21	29	28	57	46
DIGESTIVE ORGANS	5	10	13	5	9	5	13	15
RESPIRATORY ORGANS	3	14	14	3	5	5	18	9
BREAST	1	7	4	1	2	2	6	5
GENITAL ORGANS	0	1	4	5	5	5	6	2
URINARY ORGANS	1	1	4	2	3	1	0	3
LEUKEMIA	0	3	2	0	1	2	2	3
OTHER MALIG. NEOPL.	2	8	7	5	4	8	12	9
DIABETES MELLITUS	1	3	4	3	2	2	6	6
MAJOR CARDIOVASC. DISEASE	22	119	82	70	40	74	99	120
DISEASES OF HEART	17	81	64	55	31	63	73	100
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	1	0	0	0	0	0	0
HYPERTENSIVE HEART	2	3	1	3	0	1	1	3
ISCHEMIC HEART	9	59	39	42	19	47	60	53
OTHER HEART DISEASE	5	18	24	10	12	15	12	44
HYPERTENSION	0	0	1	1	0	0	1	1
CEREBROVASCULAR DISEASE	4	32	14	11	6	4	18	14
ATHEROSCLEROSIS	0	0	0	2	3	6	3	3
OTHER MAJOR CARDIOVASC.	1	6	3	1	0	1	4	2
PNEUMONIA & INFLUENZA	4	4	2	2	10	4	8	5
CHRONIC PULMONARY DISEASE	4	20	4	9	5	9	12	15
ULCER OF STOMACH	0	0	2	0	0	0	0	0
LIVER DISEASE & CIRRHOSIS	0	2	0	2	1	0	1	3
NEPHRITIS & NEPHROSIS	0	1	1	4	0	2	0	3
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	1	2	1	1	0	0	2
DISEASES OF EARLY INFANCY	0	1	2	0	2	0	1	2
SYMPTOMS & ILL-DEF. COND.	0	2	1	1	0	2	2	0
ALL OTHER DISEASES	3	14	17	13	7	9	21	18
ACCIDENTAL DEATHS	1	13	9	9	6	12	17	12
MOTOR VEHICLE	1	8	6	7	3	8	10	7
OTHER ACC. DEATHS	0	5	3	2	3	4	7	5
SUICIDE	3	2	2	1	2	3	3	3
HOMICIDE & LEGAL INTERV	0	1	1	1	0	0	1	1
ALL OTHER EXTERNAL CAUSES	1	0	0	0	0	1	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	NEWTON	NODAWAY	OREGON	OSAGE	OZARK	PEMISCOT	PERRY	PETTIS
ALL CAUSES	476	225	131	118	96	298	205	443
TUBERCULOSIS	1	0	0	0	0	0	0	0
AIDS	2	0	0	0	0	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	4	5	0	1	1	2	1	8
MALIGNANT NEOPLASMS	102	44	25	18	23	54	47	99
DIGESTIVE ORGANS	18	6	7	2	3	10	16	23
RESPIRATORY ORGANS	36	11	5	7	7	17	13	28
BREAST	10	7	0	1	3	3	2	5
GENITAL ORGANS	11	2	5	2	3	5	3	8
URINARY ORGANS	7	1	2	0	1	3	0	3
LEUKEMIA	6	1	0	0	0	3	0	6
OTHER MALIG. NEOPL.	14	16	6	6	6	13	13	26
DIABETES MELLITUS	17	5	2	3	0	3	2	10
MAJOR CARDIOVASC. DISEASE	219	100	74	60	49	183	98	189
DISEASES OF HEART	169	74	55	48	40	165	81	149
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	1	0	0	0	1	2	0	4
HYPERTENSIVE HEART	2	0	1	0	0	0	2	0
ISCHEMIC HEART	103	49	39	36	27	121	58	101
OTHER HEART DISEASE	63	25	15	12	12	42	21	44
HYPERTENSION	4	0	0	0	0	0	0	3
CEREBROVASCULAR DISEASE	39	21	14	8	8	16	15	32
ATHEROSCLEROSIS	0	3	3	4	0	0	1	4
OTHER MAJOR CARDIOVASC.	7	2	2	0	1	2	1	1
PNEUMONIA & INFLUENZA	17	20	5	6	2	5	13	25
CHRONIC PULMONARY DISEASE	24	9	7	8	6	7	12	20
ULCER OF STOMACH	0	1	0	0	0	0	0	4
LIVER DISEASE & CIRRHOSIS	4	3	0	1	1	3	2	3
NEPHRITIS & NEPHROSIS	7	2	0	0	0	1	1	5
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	1	0	1	0	2	1	4
DISEASES OF EARLY INFANCY	2	4	0	1	1	2	1	1
SYMPTOMS & ILL-DEF. COND.	3	1	1	1	0	1	0	4
ALL OTHER DISEASES	44	20	13	8	8	12	19	47
ACCIDENTAL DEATHS	23	7	3	8	3	15	4	16
MOTOR VEHICLE	12	5	2	2	1	9	1	5
OTHER ACC. DEATHS	11	2	1	6	2	6	3	11
SUICIDE	5	3	1	1	1	2	4	5
HOMICIDE & LEGAL INTERV	0	0	0	1	0	5	0	2
ALL OTHER EXTERNAL CAUSES	1	0	0	0	1	1	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	PHELPS	PIKE	PLATTE	POLK	PULASKI	PUTNAM	RALLS	RANDOLPH
ALL CAUSES	336	196	330	233	248	86	82	264
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	2	0	1	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	3	4	0	4	1	0	4
MALIGNANT NEOPLASMS	68	43	79	65	49	14	22	72
DIGESTIVE ORGANS	21	14	14	14	5	3	5	14
RESPIRATORY ORGANS	17	11	33	19	17	1	7	20
BREAST	4	6	4	5	1	2	3	11
GENITAL ORGANS	10	4	4	10	4	1	2	10
URINARY ORGANS	0	0	2	0	2	2	2	1
LEUKEMIA	4	1	4	3	2	0	1	1
OTHER MALIG. NEOPL.	12	7	18	14	18	5	2	15
DIABETES MELLITUS	5	6	10	6	4	2	0	8
MAJOR CARDIOVASC. DISEASE	164	92	130	93	107	48	41	97
DISEASES OF HEART	132	58	112	72	83	37	30	78
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	1	0	1	0	2	0	0	0
HYPERTENSIVE HEART	2	0	2	3	1	0	0	1
ISCHEMIC HEART	99	38	72	50	52	33	20	48
OTHER HEART DISEASE	30	20	37	19	28	4	10	29
HYPERTENSION	0	1	1	1	0	0	0	2
CEREBROVASCULAR DISEASE	20	15	15	10	11	6	7	12
ATHEROSCLEROSIS	5	14	0	6	11	4	2	1
OTHER MAJOR CARDIOVASC.	7	4	2	4	2	1	2	4
PNEUMONIA & INFLUENZA	9	4	11	11	10	1	5	15
CHRONIC PULMONARY DISEASE	16	9	12	7	14	6	3	14
ULCER OF STOMACH	1	0	0	2	0	1	0	0
LIVER DISEASE & CIRRHOSIS	3	2	3	0	2	1	0	1
NEPHRITIS & NEPHROSIS	4	1	3	5	1	1	0	3
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	2	2	0	6	0	0	1
DISEASES OF EARLY INFANCY	0	2	3	0	2	1	0	2
SYMPTOMS & ILL-DEF. COND.	18	3	4	4	2	1	0	4
ALL OTHER DISEASES	32	8	37	16	19	5	8	28
ACCIDENTAL DEATHS	8	17	23	17	17	2	3	11
MOTOR VEHICLE	5	12	13	12	14	0	1	4
OTHER ACC. DEATHS	3	5	10	5	3	2	2	7
SUICIDE	1	2	4	5	6	1	0	4
HOMICIDE & LEGAL INTERV	0	0	3	1	1	0	0	0
ALL OTHER EXTERNAL CAUSES	1	2	0	1	3	1	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	RAY	REYNOLDS	RIPLEY	ST CHARLES	ST CLAIR	ST FRANCOIS	STE GENEVIEVE	ST LOUIS CITY
ALL CAUSES	200	79	174	1,082	127	627	167	5,495
TUBERCULOSIS	1	0	1	1	0	0	0	5
AIDS	0	0	0	8	0	0	1	63
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	0	2	6	2	5	0	73
MALIGNANT NEOPLASMS	46	14	24	298	28	133	40	1,282
DIGESTIVE ORGANS	8	2	7	63	8	32	9	325
RESPIRATORY ORGANS	20	8	9	106	4	32	12	389
BREAST	3	0	2	22	4	15	4	106
GENITAL ORGANS	5	0	1	25	7	18	4	146
URINARY ORGANS	1	1	0	15	2	8	2	38
LEUKEMIA	1	0	1	10	1	6	1	39
OTHER MALIG. NEOPL.	8	3	4	57	2	22	8	239
DIABETES MELLITUS	8	2	7	20	0	22	4	145
MAJOR CARDIOVASC. DISEASE	79	31	91	454	58	275	82	2,393
DISEASES OF HEART	70	26	81	367	47	215	71	1,914
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	1	1	4	0	2	0	9
HYPERTENSIVE HEART	1	0	2	13	1	3	0	117
ISCHEMIC HEART	43	14	50	291	30	172	57	1,370
OTHER HEART DISEASE	25	11	28	59	16	38	14	418
HYPERTENSION	0	0	0	5	1	2	0	31
CEREBROVASCULAR DISEASE	8	4	6	62	8	45	8	353
ATHEROSCLEROSIS	0	0	1	8	1	6	1	30
OTHER MAJOR CARDIOVASC.	1	1	3	12	1	7	2	65
PNEUMONIA & INFLUENZA	9	5	9	44	9	31	5	196
CHRONIC PULMONARY DISEASE	11	5	8	43	2	29	6	156
ULCER OF STOMACH	1	0	0	2	0	2	0	15
LIVER DISEASE & CIRRHOSIS	1	1	1	7	1	5	0	61
NEPHRITIS & NEPHROSIS	1	2	1	8	1	6	0	41
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	3
CONGENITAL ANOMALIES	1	1	1	13	0	5	0	27
DISEASES OF EARLY INFANCY	1	0	0	7	1	3	3	52
SYMPTOMS & ILL-DEF. COND.	2	2	1	1	0	0	0	37
ALL OTHER DISEASES	30	11	16	85	16	66	16	550
ACCIDENTAL DEATHS	6	3	8	46	6	30	5	181
MOTOR VEHICLE	2	1	5	27	3	20	2	59
OTHER ACC. DEATHS	4	2	3	19	3	10	3	122
SUICIDE	1	0	1	30	3	13	5	44
HOMICIDE & LEGAL INTERV	0	2	1	6	0	2	0	165
ALL OTHER EXTERNAL CAUSES	0	0	2	3	0	0	0	6

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	ST LOUIS COUNTY	SALINE	SCHUYLER	SCOTLAND	SCOTT	SHANNON	SHELBY	STODDARD
ALL CAUSES	8,321	303	60	57	378	65	102	355
TUBERCULOSIS	6	0	0	0	1	0	0	1
AIDS	51	0	0	0	1	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	74	1	0	0	5	0	0	1
MALIGNANT NEOPLASMS	2,105	62	18	11	82	14	23	87
DIGESTIVE ORGANS	504	15	5	5	10	2	7	14
RESPIRATORY ORGANS	629	16	7	3	24	5	8	32
BREAST	169	8	0	0	11	0	3	6
GENITAL ORGANS	213	4	3	0	8	1	2	6
URINARY ORGANS	108	3	1	1	4	1	0	4
LEUKEMIA	76	1	1	1	4	1	1	7
OTHER MALIG. NEOPL.	406	15	1	1	21	4	2	18
DIABETES MELLITUS	172	4	1	1	6	2	0	4
MAJOR CARDIOVASC. DISEASE	3,682	158	30	29	175	32	53	167
DISEASES OF HEART	2,962	119	21	17	147	26	42	125
RHEUMATIC FEVER & RHEUM. HEART DISEASE	26	0	0	0	0	0	1	0
HYPERTENSIVE HEART	86	2	1	0	3	0	5	1
ISCHEMIC HEART	2,370	73	13	12	121	22	35	67
OTHER HEART DISEASE	480	44	7	5	23	4	1	57
HYPERTENSION	39	0	0	0	0	0	1	1
CEREBROVASCULAR DISEASE	517	31	8	10	23	4	8	36
ATHEROSCLEROSIS	52	2	0	2	1	0	2	1
OTHER MAJOR CARDIOVASC.	112	6	1	0	4	2	0	4
PNEUMONIA & INFLUENZA	359	18	3	6	13	3	2	16
CHRONIC PULMONARY DISEASE	322	15	1	1	20	2	8	12
ULCER OF STOMACH	28	2	0	0	1	0	0	2
LIVER DISEASE & CIRRHOSIS	72	0	0	0	2	0	1	7
NEPHRITIS & NEPHROSIS	70	1	1	1	3	2	1	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	1	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	49	0	0	1	0	0	0	1
DISEASES OF EARLY INFANCY	71	0	0	0	5	0	0	0
SYMPTOMS & ILL-DEF. COND.	41	0	0	0	1	1	0	2
ALL OTHER DISEASES	754	29	3	5	36	5	12	32
ACCIDENTAL DEATHS	261	12	3	2	20	2	1	16
MOTOR VEHICLE	104	7	2	2	9	1	0	10
OTHER ACC. DEATHS	157	5	1	0	11	1	1	6
SUICIDE	127	0	0	0	4	0	1	1
HOMICIDE & LEGAL INTERV	64	1	0	0	2	0	0	1
ALL OTHER EXTERNAL CAUSES	12	0	0	0	1	2	0	1

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	STONE	SULLIVAN	TANEY	TEXAS	VERNON	WARREN	WASHINGTON	WAYNE
ALL CAUSES	210	98	321	228	221	155	192	177
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	1	0	1	1	0	1	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	4	2	3	2	4	1	0	1
MALIGNANT NEOPLASMS	55	17	93	44	41	43	29	30
DIGESTIVE ORGANS	11	3	28	12	8	10	10	5
RESPIRATORY ORGANS	20	5	27	13	17	12	7	11
BREAST	3	0	6	5	4	5	3	0
GENITAL ORGANS	9	6	13	2	2	3	3	3
URINARY ORGANS	3	0	3	0	0	2	0	1
LEUKEMIA	1	0	4	3	2	0	3	2
OTHER MALIG. NEOPL.	8	3	12	9	8	11	3	8
DIABETES MELLITUS	5	1	5	10	3	5	2	4
MAJOR CARDIOVASC. DISEASE	82	42	149	106	113	66	85	86
DISEASES OF HEART	64	33	126	84	84	40	65	64
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	0	0	2	0	0	0
HYPERTENSIVE HEART	0	1	0	3	4	0	0	0
ISCHEMIC HEART	52	19	97	67	43	34	59	35
OTHER HEART DISEASE	12	13	29	14	35	6	6	29
HYPERTENSION	1	1	0	0	0	0	0	0
CEREBROVASCULAR DISEASE	8	6	19	18	20	19	15	15
ATHEROSCLEROSIS	2	2	1	1	6	4	2	5
OTHER MAJOR CARDIOVASC.	7	0	3	3	3	3	3	2
PNEUMONIA & INFLUENZA	9	8	9	7	14	5	13	10
CHRONIC PULMONARY DISEASE	12	4	9	12	10	5	8	3
ULCER OF STOMACH	0	0	0	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	2	0	4	3	2	1	2	1
NEPHRITIS & NEPHROSIS	0	4	3	2	1	2	6	1
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	0	1	0	1	1	2	2
DISEASES OF EARLY INFANCY	0	0	4	0	1	1	2	0
SYMPTOMS & ILL-DEF. COND.	2	0	4	1	0	4	2	1
ALL OTHER DISEASES	23	15	20	20	19	12	18	13
ACCIDENTAL DEATHS	11	2	10	14	8	6	17	19
MOTOR VEHICLE	6	1	6	8	4	3	9	10
OTHER ACC. DEATHS	5	1	4	6	4	3	8	9
SUICIDE	2	1	4	5	3	1	1	4
HOMICIDE & LEGAL INTERV	0	2	1	0	0	0	5	2
ALL OTHER EXTERNAL CAUSES	1	0	1	0	1	0	0	0

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1990

	WEBSTER	WORTH	WRIGHT
ALL CAUSES	215	43	185
TUBERCULOSIS	0	0	1
AIDS	1	0	1
SYPHILIS	0	0	0
RESIDUAL OF INFECT. DIS.	3	0	4
MALIGNANT NEOPLASMS	56	9	42
DIGESTIVE ORGANS	11	4	11
RESPIRATORY ORGANS	17	3	10
BREAST	10	0	2
GENITAL ORGANS	5	0	5
URINARY ORGANS	2	0	3
LEUKEMIA	1	1	3
OTHER MALIG. NEOPL.	10	1	8
DIABETES MELLITUS	2	3	7
MAJOR CARDIOVASC. DISEASE	83	22	82
DISEASES OF HEART	66	20	61
RHEUMATIC FEVER &			
RHEUM. HEART DISEASE	0	0	0
HYPERTENSIVE HEART	1	0	2
ISCHEMIC HEART	56	11	35
OTHER HEART DISEASE	9	9	24
HYPERTENSION	0	0	1
CEREBROVASCULAR DISEASE	12	1	15
ATHEROSCLEROSIS	0	1	1
OTHER MAJOR CARDIOVASC.	5	0	4
PNEUMONIA & INFLUENZA	8	5	4
CHRONIC PULMONARY DISEASE	7	2	11
ULCER OF STOMACH	1	0	0
LIVER DISEASE & CIRRHOSIS	0	0	0
NEPHRITIS & NEPHROSIS	2	0	2
COMPLICATIONS OF PREG.,			
CHILDBIRTH & PUERPERIUM	0	0	0
CONGENITAL ANOMALIES	1	0	1
DISEASES OF EARLY INFANCY	1	0	0
SYMPTOMS & ILL-DEF. COND.	2	0	0
ALL OTHER DISEASES	20	2	17
ACCIDENTAL DEATHS	26	0	9
MOTOR VEHICLE	15	0	4
OTHER ACC. DEATHS	11	0	5
SUICIDE	2	0	3
HOMICIDE & LEGAL INTERV	0	0	1
ALL OTHER EXTERNAL CAUSES	0	0	0

TABLE 27C

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	BLUE SPRINGS	CAPE GIRARDEAU	COLUMBIA	FLORISSANT	GLADSTONE	INDE- PENDENCE	JEFFERSON CITY	JOPLIN
ALL CAUSES	166	375	466	442	171	895	399	521
TUBERCULOSIS	0	0	0	2	1	0	2	1
AIDS	1	2	3	1	0	2	2	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	1	1	4	1	11	5	3
MALIGNANT NEOPLASMS	45	89	110	110	39	230	81	120
DIGESTIVE ORGANS	9	32	19	25	10	50	22	25
RESPIRATORY ORGANS	11	24	38	39	13	68	21	41
BREAST	7	11	14	7	4	16	10	10
GENITAL ORGANS	2	2	9	7	4	24	10	16
URINARY ORGANS	1	1	7	2	2	15	4	3
LEUKEMIA	0	3	5	3	0	9	1	11
OTHER MALIG. NEOPL.	15	16	18	27	6	48	13	14
DIABETES MELLITUS	9	6	15	14	2	15	5	15
MAJOR CARDIOVASC. DISEASE	61	184	161	196	67	379	186	254
DISEASES OF HEART	48	141	115	162	55	317	133	195
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	4	0	0	1	1
HYPERTENSIVE HEART	0	2	1	1	1	17	3	2
ISCHEMIC HEART	27	106	78	131	39	197	93	135
OTHER HEART DISEASE	21	33	36	26	15	103	36	57
HYPERTENSION	0	2	4	0	0	5	2	3
CEREBROVASCULAR DISEASE	8	20	32	24	10	40	43	43
ATHEROSCLEROSIS	4	16	6	3	0	6	4	7
OTHER MAJOR CARDIOVASC.	1	5	4	7	2	11	4	6
PNEUMONIA & INFLUENZA	6	11	17	14	8	42	21	20
CHRONIC PULMONARY DISEASE	7	12	21	26	11	37	18	26
ULCER OF STOMACH	1	1	1	1	2	5	4	0
LIVER DISEASE & CIRRHOSIS	0	4	5	5	6	8	4	10
NEPHRITIS & NEPHROSIS	3	5	2	2	3	4	5	3
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	1	4	4	2	8	3	2
DISEASES OF EARLY INFANCY	1	6	8	1	0	4	1	0
SYMPTOMS & ILL-DEF. COND.	2	3	2	2	0	4	6	4
ALL OTHER DISEASES	13	32	77	40	21	72	36	41
ACCIDENTAL DEATHS	6	10	20	10	3	45	11	17
MOTOR VEHICLE	5	7	7	4	1	22	6	7
OTHER ACC. DEATHS	1	3	13	6	2	23	5	10
SUICIDE	5	6	14	9	3	27	8	4
HOMICIDE & LEGAL INTERV	2	2	5	1	2	2	1	1
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0

TABLE 27C (CONT)

 RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
 BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	KANSAS CITY (TOT)	K.C. (JACKSON)	K.C. (CLAY)	K.C. (PLATTE)	K.C. (CASS)	KIRKWOOD	LEES SUMMIT	MARYLAND HEIGHTS
ALL CAUSES	4,422	3,860	435	127	0	293	408	192
TUBERCULOSIS	2	2	0	0	0	0	0	0
AIDS	77	71	4	2	0	2	5	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	77	71	5	1	0	1	4	2
MALIGNANT NEOPLASMS	1,045	896	123	26	0	73	86	47
DIGESTIVE ORGANS	224	197	24	3	0	15	19	17
RESPIRATORY ORGANS	335	271	51	13	0	19	23	12
BREAST	90	85	5	0	0	8	8	2
GENITAL ORGANS	116	96	17	3	0	9	15	8
URINARY ORGANS	37	33	4	0	0	5	3	0
LEUKEMIA	28	22	5	1	0	2	4	1
OTHER MALIG. NEOPL.	215	192	17	6	0	15	14	7
DIABETES MELLITUS	91	80	7	4	0	3	3	2
MAJOR CARDIOVASC. DISEASE	1,790	1,571	170	49	0	137	183	88
DISEASES OF HEART	1,390	1,213	135	42	0	116	143	71
RHEUMATIC FEVER & RHEUM. HEART DISEASE	7	7	0	0	0	1	1	0
HYPERTENSIVE HEART	78	74	3	1	0	3	5	4
ISCHEMIC HEART	948	826	98	24	0	87	101	57
OTHER HEART DISEASE	357	306	34	17	0	25	36	10
HYPERTENSION	17	16	1	0	0	1	2	0
CEREBROVASCULAR DISEASE	296	259	30	7	0	15	25	12
ATHEROSCLEROSIS	36	35	1	0	0	2	5	1
OTHER MAJOR CARDIOVASC.	51	48	3	0	0	3	8	4
PNEUMONIA & INFLUENZA	128	110	12	6	0	11	36	9
CHRONIC PULMONARY DISEASE	205	167	33	5	0	12	15	13
ULCER OF STOMACH	8	7	1	0	0	2	1	0
LIVER DISEASE & CIRRHOSIS	45	42	2	1	0	2	2	3
NEPHRITIS & NEPHROSIS	50	45	2	3	0	3	0	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	34	29	4	1	0	0	4	0
DISEASES OF EARLY INFANCY	33	30	3	0	0	0	4	1
SYMPTOMS & ILL-DEF. COND.	31	28	1	2	0	1	3	0
ALL OTHER DISEASES	479	423	37	19	0	28	47	18
ACCIDENTAL DEATHS	142	124	14	4	0	10	13	5
MOTOR VEHICLE	75	62	11	2	0	1	10	1
OTHER ACC. DEATHS	67	62	3	2	0	9	3	4
SUICIDE	68	54	11	3	0	6	1	3
HOMICIDE & LEGAL INTERV	110	103	6	1	0	2	0	1
ALL OTHER EXTERNAL CAUSES	7	7	0	0	0	0	1	0

TABLE 27C (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1990

	RAYTOWN	ST CHARLES	ST JOSEPH	ST LOUIS CITY	ST PETERS	SPRING- FIELD	UNIVERSITY CITY
ALL CAUSES	335	456	900	5,495	123	1,512	389
TUBERCULOSIS	1	1	1	5	0	2	0
AIDS	1	3	6	63	1	30	3
SYPHILIS	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	7	3	11	73	1	16	4
MALIGNANT NEOPLASMS	88	104	195	1,282	38	342	83
DIGESTIVE ORGANS	17	21	38	325	11	65	26
RESPIRATORY ORGANS	33	35	59	389	10	106	17
BREAST	5	11	16	106	2	27	7
GENITAL ORGANS	8	10	23	146	3	39	11
URINARY ORGANS	3	6	11	38	1	10	1
LEUKEMIA	1	4	5	39	2	19	4
OTHER MALIG. NEOPL.	21	17	43	239	9	76	17
DIABETES MELLITUS	4	6	25	145	5	34	8
MAJOR CARDIOVASC. DISEASE	145	213	416	2,393	44	677	190
DISEASES OF HEART	112	175	313	1,914	36	513	146
RHEUMATIC FEVER &							
RHEUM. HEART DISEASE	3	2	2	9	1	3	0
HYPERTENSIVE HEART	2	6	4	117	2	10	4
ISCHEMIC HEART	84	142	221	1,370	29	363	107
OTHER HEART DISEASE	23	25	86	418	4	137	35
HYPERTENSION	2	0	4	31	0	4	6
CEREBROVASCULAR DISEASE	22	28	81	353	8	128	31
ATHEROSCLEROSIS	5	4	8	30	0	11	2
OTHER MAJOR CARDIOVASC.	4	6	10	65	0	21	5
PNEUMONIA & INFLUENZA	15	28	27	196	2	46	15
CHRONIC PULMONARY DISEASE	18	17	43	156	6	70	11
ULCER OF STOMACH	1	1	2	15	0	3	0
LIVER DISEASE & CIRRHOSIS	0	1	9	61	2	8	4
NEPHRITIS & NEPHROSIS	3	1	5	41	3	25	1
COMPLICATIONS OF PREG.,							
CHILDBIRTH & PUERPERIUM	0	0	0	3	0	0	0
CONGENITAL ANOMALIES	0	7	5	27	1	6	7
DISEASES OF EARLY INFANCY	1	4	5	52	0	9	1
SYMPTOMS & ILL-DEF. COND.	1	1	14	37	0	6	7
ALL OTHER DISEASES	29	32	97	550	10	157	34
ACCIDENTAL DEATHS	12	16	22	181	6	47	13
MOTOR VEHICLE	3	7	12	59	5	22	2
OTHER ACC. DEATHS	9	9	10	122	1	25	11
SUICIDE	5	13	13	44	3	26	3
HOMICIDE & LEGAL INTERV	4	3	4	165	1	7	4
ALL OTHER EXTERNAL CAUSES	0	2	0	6	0	1	1

TABLE 28

RECORDED DEATHS BY TYPE OF ACCIDENT, AGE AND SEX: MISSOURI 1990

	ALL AGES		0-4		5-14		15-24		25-44		45-64		65-74		OVER 74	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GRAND TOTAL	1,426	765	43	36	65	44	332	95	426	149	227	97	127	66	206	278
WORK TOTAL	71	7	0	0	0	0	11	0	28	3	21	3	7	1	4	0
AGRICULTURE	18	4	0	0	0	0	2	0	5	1	4	2	3	1	4	0
MINING, QUARRYING, OIL & GAS WELLS	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CONSTRUCTION	15	0	0	0	0	0	5	0	5	0	5	0	0	0	0	0
MANUFACTURING	6	0	0	0	0	0	0	0	3	0	2	0	1	0	0	0
TRANSPORTATION & PUBLIC UTILITIES	4	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
TRADE	4	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
SERVICE	5	1	0	0	0	0	2	0	2	1	1	0	0	0	0	0
GOVERNMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER & UNSPECIFIED	19	1	0	0	0	0	2	0	7	0	7	1	3	0	0	0
HOME TOTAL	302	214	23	23	18	8	28	12	59	29	59	26	38	15	77	101
POISONINGS (GAS EXCEPTED)	33	21	1	1	0	0	8	1	18	16	6	3	0	0	0	0
POISONINGS BY GASES & VAPORS	11	3	1	0	0	0	2	1	3	0	3	1	1	0	1	1
FALLS	100	106	1	1	0	0	0	0	10	4	17	9	17	9	55	83
FIRES	54	41	9	10	3	5	4	7	11	4	9	5	9	5	9	5
DROWNING	14	10	4	2	1	2	1	2	3	1	2	1	0	1	3	1
SUFFOCATION, INGESTED FOOD/OBJECT	5	7	2	3	0	0	0	0	1	0	1	1	1	0	0	3
SUFFOCATION, MECHANICAL	13	4	4	3	2	0	3	0	2	0	1	0	1	0	0	1
FIREARMS	25	3	0	1	8	0	6	0	6	1	4	1	1	0	0	0
OTHER & UNSPECIFIED	47	19	1	2	4	1	4	1	5	3	16	5	8	0	9	7
MOTOR VEHICLE TOTAL	821	362	15	11	33	30	264	77	293	104	105	56	58	35	53	49
INJURY TO PEDESTRIAN	75	42	4	3	4	3	12	3	27	12	12	5	3	5	13	11
INJURY TO PEDAL CYCLIST	12	3	0	0	6	2	5	0	0	1	1	0	0	0	0	0
INJURY TO RIDER OF ANIMAL OR OCCUPANT OF ANIMAL-DRAWN VEHICLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH RAILROAD TRAIN	17	9	1	0	0	1	5	1	2	3	5	2	1	2	3	0
COLLISION WITH OTHER MOTOR VEHICLE	303	171	6	6	12	18	86	23	108	44	44	35	28	20	19	25
COLLISION WITH FIXED OBJECT	285	86	1	2	5	2	120	35	106	27	25	7	15	6	13	7
NONCOLLISION	101	37	2	0	5	3	34	12	41	14	11	4	6	1	2	3
OTHER & UNSPECIFIED	28	14	1	0	1	1	2	3	9	3	7	3	5	1	3	3
PUBLIC NON-MOTOR VEHICLE TOTAL	225	177	5	2	14	6	28	6	45	10	41	11	22	15	70	127
RAILROAD NOT WITH MOTOR VEHICLE	8	2	0	0	0	0	3	1	2	0	2	0	0	0	1	1
OTHER ROAD VEH. NOT WITH MOTOR VEH.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER TRANSPORT	2	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0
AIR TRANSPORT	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
FALLS	61	69	0	0	0	0	3	0	5	3	11	4	6	5	36	57
FIRES	5	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
DROWNING	57	11	2	1	10	4	16	3	18	0	6	1	2	0	3	2
FIREARMS	4	0	0	0	1	0	0	0	2	0	1	0	0	0	0	0
OTHER & UNSPECIFIED	86	93	3	1	1	1	5	1	18	7	17	6	14	10	28	67
ACCIDENT TYPE UNKNOWN & LATE EFFECTS	7	5	0	0	0	0	1	0	1	3	1	1	2	0	2	1

TABLE 29

ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1990

TOTAL POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$\frac{Q}{N \times}$	$\frac{I}{X}$	$\frac{D}{N \times}$	$\frac{L}{N \times}$	$\frac{T}{X}$	$\frac{E}{X}$
00 TO 01	.0094	100,000	943	99,158	7,536,598	75.4
01 TO 05	.0020	99,057	202	395,744	7,437,440	75.1
05 TO 10	.0014	98,855	137	493,905	7,041,696	71.2
10 TO 15	.0012	98,718	118	493,324	6,547,791	66.3
15 TO 20	.0050	98,600	488	491,880	6,054,467	61.4
20 TO 25	.0057	98,112	555	489,198	5,562,587	56.7
25 TO 30	.0059	97,557	580	486,356	5,073,389	52.0
30 TO 35	.0072	96,977	698	483,221	4,587,033	47.3
35 TO 40	.0085	96,279	815	479,493	4,103,812	42.6
40 TO 45	.0121	95,464	1,155	474,639	3,624,319	38.0
45 TO 50	.0166	94,309	1,563	467,922	3,149,680	33.4
50 TO 55	.0290	92,746	2,691	457,400	2,681,758	28.9
55 TO 60	.0489	90,055	4,406	439,868	2,224,358	24.7
60 TO 65	.0726	85,649	6,218	413,448	1,784,490	20.8
65 TO 70	.1043	79,431	8,288	377,221	1,371,042	17.3
70 TO 75	.1514	71,143	10,772	329,563	993,821	14.0
75 TO 80	.2204	60,371	13,308	269,151	664,258	11.0
80 TO 85	.3232	47,063	15,212	196,514	395,107	8.4
85 AND UP	1.0000	31,851	31,851	198,593	198,593	6.2

TABLE 29 (CONT.) ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1990
MALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$\frac{Q}{N} X$	l_x	$\frac{D}{N} X$	$\frac{L}{N} X$	T_x	E_x
00 TO 01	.0105	100,000	1,054	99,053	7,169,607	71.7
01 TO 05	.0022	98,946	220	395,260	7,070,554	71.5
05 TO 10	.0016	98,726	163	493,195	6,675,294	67.6
10 TO 15	.0013	98,563	130	492,530	6,182,099	62.7
15 TO 20	.0077	98,433	754	490,454	5,689,569	57.8
20 TO 25	.0088	97,679	863	486,265	5,199,115	53.2
25 TO 30	.0090	96,816	876	481,885	4,712,850	48.7
30 TO 35	.0107	95,940	1,027	477,237	4,230,965	44.1
35 TO 40	.0119	94,913	1,131	471,927	3,753,728	39.5
40 TO 45	.0163	93,782	1,526	465,378	3,281,801	35.0
45 TO 50	.0208	92,256	1,918	456,851	2,816,423	30.5
50 TO 55	.0353	90,338	3,192	444,189	2,359,572	26.1
55 TO 60	.0623	87,146	5,429	422,861	1,915,383	22.0
60 TO 65	.0959	81,717	7,834	389,814	1,492,522	18.3
65 TO 70	.1373	73,883	10,141	344,692	1,102,708	14.9
70 TO 75	.2005	63,742	12,781	287,112	758,016	11.9
75 TO 80	.2895	50,961	14,751	217,838	470,904	9.2
80 TO 85	.4138	36,210	14,984	142,141	253,066	7.0
85 AND UP	1.0000	21,226	21,226	110,925	110,925	5.2

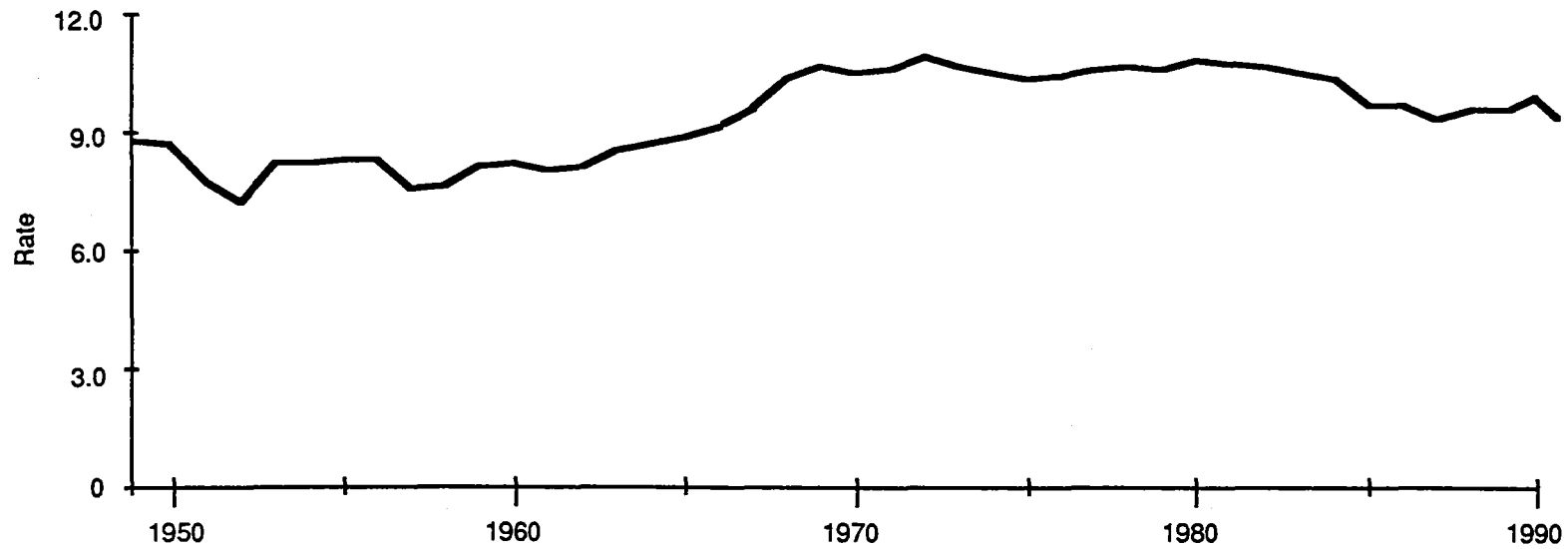
TABLE 29 (CONT.)

ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1990

FEMALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	Q N X	1 X	D N X	L N X	T X	E X
00 TO 01	.0083	100,000	826	99,269	7,889,844	78.9
01 TO 05	.0018	99,174	182	396,255	7,790,575	78.6
05 TO 10	.0011	98,992	110	494,658	7,394,320	74.7
10 TO 15	.0011	98,882	104	494,163	6,899,662	69.8
15 TO 20	.0021	98,778	211	493,396	6,405,499	64.8
20 TO 25	.0025	98,567	247	492,238	5,912,103	60.0
25 TO 30	.0029	98,320	285	490,919	5,419,865	55.1
30 TO 35	.0038	98,035	371	489,299	4,928,946	50.3
35 TO 40	.0051	97,664	500	487,151	4,439,647	45.5
40 TO 45	.0081	97,164	787	483,983	3,952,496	40.7
45 TO 50	.0126	96,377	1,213	479,050	3,468,513	36.0
50 TO 55	.0231	95,164	2,195	470,636	2,989,463	31.4
55 TO 60	.0365	92,969	3,397	456,867	2,518,827	27.1
60 TO 65	.0517	89,572	4,627	436,962	2,061,960	23.0
65 TO 70	.0766	84,945	6,510	409,348	1,624,998	19.1
70 TO 75	.1141	78,435	8,948	370,930	1,215,650	15.5
75 TO 80	.1740	69,487	12,091	318,350	844,720	12.2
80 TO 85	.2733	57,396	15,687	247,610	526,370	9.2
85 AND UP	1.0000	41,709	41,709	278,760	278,760	6.7

Graph F
Marriage Rates per 1,000 Population
Missouri 1949-1990



	<i>Marriages</i>	<i>Rate</i>		<i>Marriages</i>	<i>Rate</i>		<i>Marriages</i>	<i>Rate</i>		<i>Marriages</i>	<i>Rate</i>
1949	34,689	8.8	1960	35,368	8.2	1971	51,048	10.8	1982	53,836	10.9
1950	34,300	8.7	1961	34,640	8.0	1972	53,372	11.2	1983	53,258	10.7
1951	30,880	7.7	1962	35,192	8.1	1973	51,990	10.9	1984	52,464	10.5
1952	28,373	7.1	1963	37,667	8.6	1974	51,434	10.7	1985	49,484	9.9
1953	33,012	8.2	1964	38,802	8.7	1975	50,147	10.5	1986	49,579	9.8
1954	33,520	8.2	1965	39,882	8.9	1976	51,070	10.6	1987	48,397	9.6
1955	34,162	8.3	1966	42,597	9.4	1977	52,100	10.8	1988	50,330	9.9
1956	34,382	8.3	1967	44,055	9.7	1978	52,878	10.9	1989	50,331	9.9
1957	31,395	7.5	1968	48,155	10.5	1979	52,952	10.8	1990	49,063	9.6
1958	31,965	7.6	1969	50,411	10.9	1980	54,625	11.1			
1959	34,352	8.1	1970	50,224	10.7	1981	54,124	11.0			

TABLE 30

REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1990

AGE OF GROOM	AGE OF BRIDE															
	TOTAL	15 AND UNDER	16	17	18	19	20	21	22	23	24	25	26	27	28	29
TOTAL	49,063	294	506	1,022	2,566	2,979	2,954	2,896	3,061	2,951	2,717	2,579	2,349	2,098	1,908	1,707
15 AND UNDER	9	1	1	2	2	0	0	0	1	0	0	1	0	0	0	0
16 YEARS	68	16	18	17	10	4	2	0	0	0	0	0	0	1	0	0
17 YEARS	272	45	45	54	64	34	14	10	0	1	1	0	1	1	0	1
18 YEARS	1,082	61	108	184	318	210	80	57	24	9	12	4	2	0	3	1
19 YEARS	1,825	55	108	221	499	407	230	117	68	28	21	14	11	9	9	4
20 YEARS	2,245	37	90	163	455	509	380	235	135	83	45	25	20	15	15	7
21 YEARS	2,458	27	46	108	320	467	467	375	243	111	82	54	39	30	18	14
22 YEARS	2,711	8	26	84	262	374	413	428	451	241	133	86	62	33	25	16
23 YEARS	2,886	11	21	46	192	254	360	402	452	426	231	137	99	59	34	42
24 YEARS	2,903	9	12	37	125	217	268	326	387	421	367	226	118	100	76	47
25 YEARS	2,904	5	9	34	77	139	201	231	330	388	427	344	193	135	92	70
26 YEARS	2,670	6	3	18	69	88	149	182	236	291	295	319	273	183	133	105
27 YEARS	2,520	3	0	14	49	53	106	138	186	244	244	280	286	253	149	130
28 YEARS	2,267	4	5	7	35	64	76	99	136	157	185	222	239	208	212	145
29 YEARS	2,033	1	2	10	22	32	53	81	90	136	155	179	183	208	167	162
30 YEARS	1,751	0	2	5	15	31	23	56	74	89	113	134	159	152	172	154
31 YEARS	1,626	1	2	5	9	21	31	39	66	73	101	120	142	134	150	130
32 YEARS	1,420	0	1	5	12	12	30	24	30	62	59	86	98	120	121	114
33 YEARS	1,317	1	0	5	11	13	12	17	41	52	49	77	77	90	102	108
34 YEARS	1,222	0	2	0	1	9	13	22	32	31	41	65	69	65	81	87
35-39 YEARS	4,372	1	4	2	12	28	25	32	52	72	111	137	182	211	224	231
40-44 YEARS	2,936	1	0	1	5	6	10	16	21	21	27	46	64	58	92	94
45-49 YEARS	1,917	0	1	0	1	5	6	4	5	9	12	13	26	23	23	30
50-54 YEARS	1,160	0	0	0	1	1	2	3	1	6	4	5	5	8	7	10
55-59 YEARS	782	1	0	0	0	0	0	1	0	0	0	2	0	2	1	4
60-64 YEARS	631	0	0	0	0	0	2	1	0	0	1	2	1	0	1	0
65-69 YEARS	454	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0
70-74 YEARS	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
75 YEARS AND OVER	304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

TABLE 30 (CONT)

REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1990

AGE OF GROOM	AGE OF BRIDE														NOT STATED
	30	31	32	33	34	35 TO 39	40 TO 44	45 TO 49	50 TO 54	55 TO 59	60 TO 64	65 TO 69	70 TO 74	75+	
TOTAL	1,472	1,319	1,227	1,149	1,011	3,944	2,537	1,533	792	486	369	278	207	135	17
15 AND UNDER	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
16 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 YEARS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18 YEARS	1	2	2	1	0	3	0	0	0	0	0	0	0	0	0
19 YEARS	9	2	4	1	1	6	1	0	0	0	0	0	0	0	0
20 YEARS	10	6	4	4	0	4	2	0	0	0	0	0	0	0	1
21 YEARS	17	9	6	4	5	11	4	1	0	0	0	0	0	0	0
22 YEARS	20	12	10	4	3	11	7	1	0	0	0	0	0	0	1
23 YEARS	28	19	13	15	18	16	9	1	1	0	0	0	0	0	0
24 YEARS	32	24	32	16	13	37	10	3	0	0	0	0	0	0	0
25 YEARS	53	42	30	25	19	47	10	2	1	0	0	0	0	0	0
26 YEARS	65	59	44	36	26	67	17	3	2	0	0	0	0	0	1
27 YEARS	85	71	51	46	26	79	21	4	1	0	0	0	0	0	1
28 YEARS	95	93	68	60	33	97	20	7	0	0	0	0	0	0	0
29 YEARS	127	82	73	68	45	113	38	4	2	0	0	0	0	0	0
30 YEARS	129	87	83	57	59	109	37	11	0	0	0	0	0	0	0
31 YEARS	126	96	66	72	54	139	42	4	3	0	0	0	0	0	0
32 YEARS	104	97	107	73	44	149	54	16	1	0	0	0	0	0	1
33 YEARS	89	97	81	83	65	185	52	8	1	0	0	0	0	0	1
34 YEARS	88	89	82	81	74	203	64	18	4	0	0	0	0	0	1
35-39 YEARS	239	243	273	285	306	1,117	440	119	20	2	0	0	1	0	3
40-44 YEARS	95	118	135	132	123	843	701	251	63	9	1	2	0	0	1
45-49 YEARS	38	48	40	54	59	423	507	420	127	32	6	3	0	1	1
50-54 YEARS	12	11	14	21	25	154	283	313	190	62	15	4	1	0	2
55-59 YEARS	5	3	4	8	6	72	125	181	187	115	42	13	7	2	1
60-64 YEARS	3	6	3	1	4	36	62	95	101	137	117	42	13	3	0
65-69 YEARS	2	1	1	2	2	13	21	47	52	79	101	78	36	15	0
70-74 YEARS	0	2	1	0	0	6	7	14	22	35	50	84	66	25	0
75 YEARS AND OVER	0	0	0	0	0	3	2	9	14	15	37	52	83	89	0
NOT STATED	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2

TABLE 31 REPORTED MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1990

AGE	BRIDE				GROOM			
	TOTAL	SINGLE	WIDOWED	DIVORCED	TOTAL	SINGLE	WIDOWED	DIVORCED
TOTAL	49,063	29,362	1,702	17,777	49,063	29,600	1,630	17,684
UNDER 15 YEARS	10	10	0	0	0	0	0	0
15 YEARS	284	282	0	0	9	9	0	0
16 YEARS	506	503	0	3	68	68	0	0
17 YEARS	1,022	1,011	2	8	272	271	0	1
18 YEARS	2,566	2,517	3	38	1,082	1,075	0	6
19 YEARS	2,979	2,881	0	95	1,825	1,806	0	18
20 YEARS	2,954	2,782	0	166	2,245	2,197	0	44
21 YEARS	2,896	2,597	2	290	2,458	2,349	1	105
22 YEARS	3,061	2,697	4	347	2,711	2,543	4	161
23 YEARS	2,951	2,465	5	476	2,886	2,626	1	255
24 YEARS	2,717	2,095	14	598	2,903	2,564	6	330
25 YEARS	2,579	1,869	12	686	2,904	2,459	4	438
26 YEARS	2,349	1,542	20	780	2,670	2,119	8	540
27 YEARS	2,098	1,249	18	820	2,520	1,853	5	653
28 YEARS	1,908	994	21	886	2,267	1,503	11	747
29 YEARS	1,707	818	17	863	2,033	1,289	9	729
30 YEARS	1,472	594	27	843	1,751	990	14	744
31 YEARS	1,319	476	25	810	1,626	804	16	800
32 YEARS	1,227	417	26	779	1,420	644	10	762
33 YEARS	1,149	315	31	794	1,317	476	15	820
34 YEARS	1,011	238	29	735	1,222	381	18	820
35-39 YEARS	3,944	666	147	3,104	4,372	1,043	73	3,226
40-44 YEARS	2,537	213	117	2,184	2,936	289	94	2,531
45-49 YEARS	1,533	68	173	1,279	1,917	107	92	1,708
50-54 YEARS	792	28	153	601	1,160	43	143	967
55-59 YEARS	486	9	182	290	782	31	171	577
60-64 YEARS	369	10	217	141	631	32	233	361
65-69 YEARS	278	8	194	75	454	16	235	202
70-74 YEARS	207	4	152	50	313	9	226	78
75 YEARS AND OVER	135	3	110	22	304	3	240	59
UNKNOWN	17	1	1	14	5	1	1	2
MEDIAN AGE AT MARRIAGE	26.0	22.8	55.1	33.5	28.0	24.7	62.6	36.3

TABLE 32

REPORTED MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1990

BRIDE	TOTAL	GROOM			
		SINGLE	WIDOWED	DIVORCED	UNKNOWN
TOTAL	49,063	29,600	1,630	17,684	149
SINGLE	29,362	23,823	177	5,302	60
WIDOWED	1,702	212	683	803	4
DIVORCED	17,777	5,477	766	11,504	30
UNKNOWN	222	88	4	75	55

TABLE 33

REPORTED MARRIAGES BY RACE OF BRIDE BY RACE OF GROOM: MISSOURI 1990

RACE OF BRIDE	TOTAL	RACE OF GROOM			
		WHITE	BLACK	OTHER	UNKNOWN
TOTAL	49,063	43,118	4,635	395	915
WHITE	43,370	42,620	479	211	60
BLACK	4,348	198	4,136	11	3
OTHER	401	215	14	172	0
UNKNOWN	944	85	6	1	852

TABLE 34

REPORTED MARRIAGES BY MONTH: MISSOURI 1990

TOTAL	49,063				
JANUARY	2,232	MAY	4,887	SEPTEMBER	4,958
FEBRUARY	2,764	JUNE	6,552	OCTOBER	4,203
MARCH	3,276	JULY	4,327	NOVEMBER	3,561
APRIL	3,616	AUGUST	4,903	DECEMBER	3,784

TABLE 35A REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1990

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE
STATE TOTAL	5,117,073	49,063	9.6	GRUNDY	10,536	100	9.5
ADAIR	24,577	243	9.9	HARRISON	8,469	100	11.8
ANDREW	14,632	124	8.5	HENRY	20,044	172	8.6
ATCHISON	7,457	81	10.9	HICKORY	7,335	49	6.7
AUDRAIN	23,599	251	10.6	HOLT	6,034	44	7.3
BARRY	27,547	253	9.2	HOWARD	9,631	44	4.6
BARTON	11,312	103	9.1	HOWELL	31,447	393	12.5
BATES	15,025	120	8.0	IRON	10,726	104	9.7
BENTON	13,859	106	7.6	JACKSON	633,232	6,728	10.6
BOLLINGER	10,619	87	8.2	JASPER	90,465	959	10.6
BOONE	112,379	1,087	9.7	JEFFERSON	171,380	1,333	7.8
BUCHANAN	83,083	823	9.9	JOHNSON	42,514	439	10.3
BUTLER	38,765	486	12.5	KNOX	4,482	29	6.5
CALDWELL	8,380	67	8.0	LACLEDE	27,158	329	12.1
CALLAWAY	32,809	215	6.6	LAFAYETTE	31,107	257	8.3
CAMDEN	27,495	289	10.5	LAWRENCE	30,236	263	8.7
CAPE GIRARDEAU	61,633	739	12.0	LEWIS	10,233	80	7.8
CARROLL	10,748	81	7.5	LINCOLN	28,892	292	10.1
CARTER	5,515	54	9.8	LINN	13,885	94	6.8
CASS	63,808	664	10.4	LIVINGSTON	14,592	174	11.9
CEDAR	12,093	74	6.1	MC DONALD	16,938	119	7.0
CHARITON	9,202	54	5.9	MACON	15,345	169	11.0
CHRISTIAN	32,644	256	7.8	MADISON	11,127	138	12.4
CLARK	7,547	125	16.6	MARIES	7,976	59	7.4
CLAY	153,411	1,500	9.8	MARION	27,682	364	13.2
CLINTON	16,595	103	6.2	MERCER	3,723	48	12.9
COLE	63,579	853	13.4	MILLER	20,700	165	8.0
COOPER	14,835	116	7.8	MISSISSIPPI	14,442	161	11.1
CRAWFORD	19,173	194	10.1	MONITEAU	12,298	107	8.7
DADE	7,449	43	5.8	MONROE	9,104	56	6.2
DALLAS	12,646	109	8.6	MONTGOMERY	11,355	89	7.8
DAVIESS	7,865	64	8.1	MORGAN	15,574	137	8.8
DE KALB	9,967	93	9.3	NEW MADRID	20,928	230	11.0
DENT	13,702	140	10.2	NEWTON	44,445	377	8.5
DOUGLAS	11,876	122	10.3	NODAWAY	21,709	181	8.3
DUNKLIN	33,112	362	10.9	OREGON	9,470	77	8.1
FRANKLIN	80,603	807	10.0	OSAGE	12,018	56	4.7
GASCONADE	14,006	124	8.9	OZARK	8,598	55	6.4
GENTRY	6,848	47	6.9	PENISCOT	21,921	207	9.4
GREENE	207,949	2,380	11.4	PERRY	16,648	150	9.0

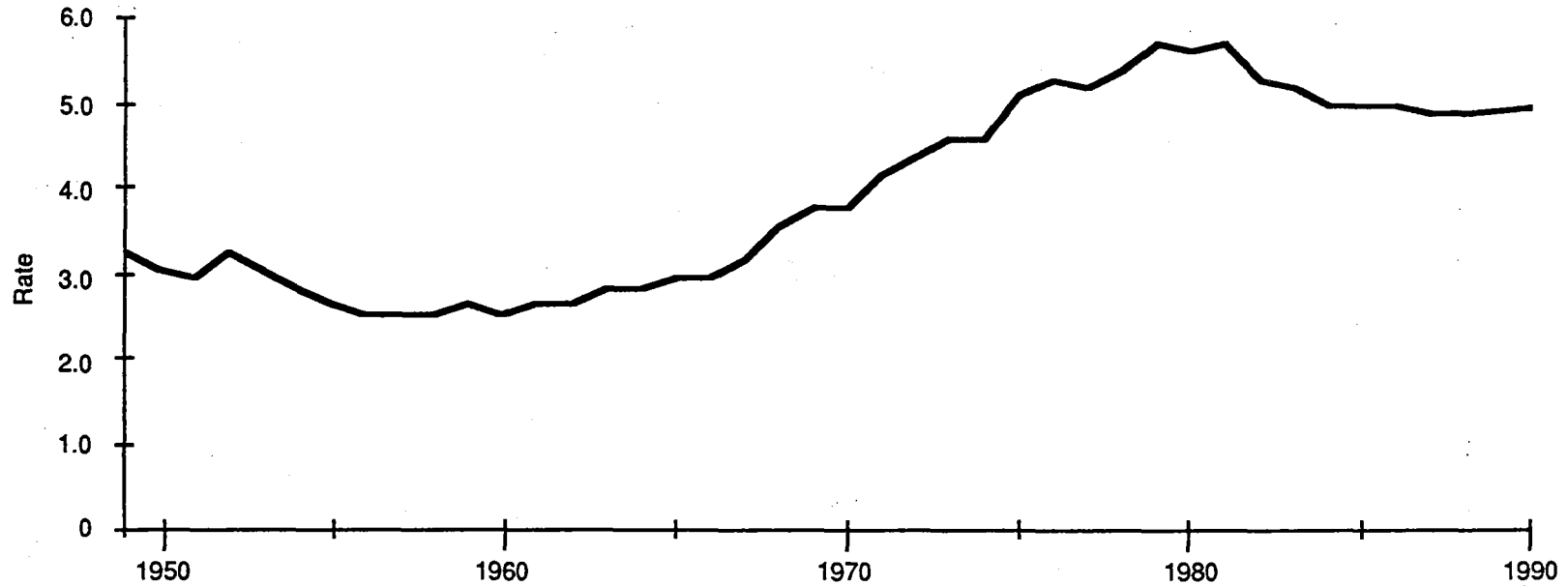
TABLE 35A (CONT) REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1990

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE
PETTIS	35,437	399	11.3	SALINE	23,523	194	8.2
PHELPS	35,248	347	9.8	SCHUYLER	4,236	38	9.0
PIKE	15,969	163	10.2	SCOTLAND	4,822	68	14.1
PLATTE	57,867	520	9.0	SCOTT	39,376	460	11.7
POLK	21,826	201	9.2	SHANNON	7,613	80	10.5
PULASKI	41,307	526	12.7	SHELBY	6,942	41	5.9
PUTNAM	5,079	64	12.6	STODDARD	28,895	304	10.5
RALLS	8,476	83	9.8	STONE	19,078	135	7.1
RANDOLPH	24,370	200	8.2	SULLIVAN	6,326	55	8.7
RAY	21,971	159	7.2	TANEY	25,561	311	12.2
REYNOLDS	6,661	65	9.8	TEXAS	21,476	193	9.0
RIPLEY	12,303	139	11.3	VERNON	19,041	191	10.0
ST. CHARLES	212,907	1,836	8.6	WARREN	19,534	165	8.4
ST. CLAIR	8,457	54	6.4	WASHINGTON	20,380	192	9.4
ST. FRANCOIS	48,904	553	11.3	WAYNE	11,543	130	11.3
STE. GENEVIEVE	16,037	118	7.4	WEBSTER	23,753	161	6.8
ST. LOUIS CITY	396,685	4,700	11.8	WORTH	2,440	9	3.7
ST. LOUIS COUNTY	993,529	7,681	7.7	WRIGHT	16,758	161	9.6

TABLE 35B REPORTED MARRIAGES WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1990

RPC'S	POPULATION	MARRIAGES	RATE	RPC'S	POPULATION	MARRIAGES	RATE
MAJOR METRO REGIONS				BOONSLICK	59,781	546	9.1
EAST-WEST GATEWAY	1,855,104	16,357	8.8	KAYSINGER BASIN	95,854	766	8.0
MID-AMERICA	930,289	9,571	10.3	SHOW-ME	109,058	1,095	10.0
MINOR METRO REGIONS				SOUTH CENTRAL OZARK	107,238	1,081	10.1
SOUTHWEST MISSOURI	408,689	4,112	10.1	MERAMEC	110,485	1,056	9.6
MID-MISSOURI	281,148	2,729	9.7	LAKE OF THE OZARKS	132,234	1,446	10.9
MO-KAN	124,277	1,143	9.2	SOUTHEAST MISSOURI	175,694	1,889	10.8
OZARK GATEWAY	163,160	1,558	9.5	BOOTHEEL	158,674	1,724	10.9
NONMETRO REGIONS				OZARK FOOTHILLS	74,787	874	11.7
NORTHWEST MISSOURI	44,488	362	8.1	MAJOR METRO TOTAL	2,785,393	25,928	9.3
GREEN HILLS	78,855	766	9.7	MINOR METRO TOTAL	977,274	9,542	9.8
MISSOURI VALLEY	43,473	329	7.6	NONMETRO TOTAL	1,354,406	13,593	10.0
NORTHEAST MISSOURI	45,664	503	11.0	STATE TOTAL	5,117,073	49,063	9.6
MARK TWAIN	118,121	1,156	9.8				

Graph G
Dissolution Rates per 1,000 Population
Missouri 1949-1990



	<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>
1949	12,912	3.3	1960	11,320	2.6	1971	19,643	4.2	1982	26,292	5.3
1950	12,177	3.1	1961	11,574	2.7	1972	20,699	4.4	1983	25,904	5.2
1951	12,131	3.0	1962	11,882	2.7	1973	21,777	4.6	1984	24,860	5.0
1952	12,943	3.3	1963	12,652	2.9	1974	22,050	4.6	1985	24,990	5.0
1953	12,342	3.1	1964	12,785	2.9	1975	24,527	5.1	1986	25,466	5.1
1954	11,705	2.9	1965	13,261	3.0	1976	25,414	5.3	1987	24,984	4.9
1955	11,351	2.7	1966	13,758	3.0	1977	25,281	5.2	1988	24,948	4.9
1956	10,993	2.6	1967	14,520	3.2	1978	26,308	5.4	1989	25,140	4.9
1957	10,861	2.6	1968	16,473	3.6	1979	27,719	5.7	1990	25,701	5.0
1958	10,747	2.6	1969	17,578	3.8	1980	27,595	5.6			
1959	11,695	2.7	1970	17,852	3.8	1981	27,975	5.7			

TABLE 36

REPORTED DISSOLUTIONS OF MARRIAGE BY MONTH BY TYPE OF DECREE: MISSOURI 1990

TYPE OF DECREE				
	TOTAL	DISSOLUTION	ANNULMENT	LEGAL SEPARATION
TOTAL	25,800	25,632	69	99
JANUARY	2,193	2,179	2	12
FEBRUARY	1,815	1,800	7	8
MARCH	2,360	2,344	5	11
APRIL	2,237	2,228	3	6
MAY	2,364	2,353	6	5
JUNE	2,293	2,278	6	9
JULY	2,207	2,189	9	9
AUGUST	2,116	2,105	3	8
SEPTEMBER	2,157	2,138	7	12
OCTOBER	2,144	2,131	4	9
NOVEMBER	2,074	2,061	7	6
DECEMBER	1,840	1,826	10	4

TABLE 37

REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF PREVIOUS MARRIAGES,
HUSBAND BY WIFE: MISSOURI 1990

HUSBAND	WIFE							
	TOTAL	NONE	ONE	TWO	THREE	FOUR	FIVE OR MORE	UNKNOWN
TOTAL	25,701	15,341	6,018	1,950	580	171	109	1,532
NONE	15,343	12,766	2,027	392	82	18	14	44
ONE	6,062	2,053	2,777	857	229	70	36	40
TWO	1,922	382	818	490	142	42	31	17
THREE	554	82	233	124	76	23	12	4
FOUR	179	20	71	46	23	14	3	2
FIVE OR MORE	97	6	35	27	15	3	11	0
UNKNOWN	1,544	32	57	14	13	1	2	1,425

TABLE 38

REPORTED DISSOLUTIONS AND ANNULMENTS BY DURATION OF MARRIAGE: MISSOURI 1990

DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS
TOTAL	25,701	8 YEARS	1,239	17 YEARS	441
UNDER 1 YEAR	1,152	9 YEARS	1,054	18 YEARS	402
1 YEAR	2,201	10 YEARS	1,003	19 YEARS	352
2 YEARS	2,344	11 YEARS	832	20-24 YEARS	1,400
3 YEARS	2,306	12 YEARS	674	25-29 YEARS	716
4 YEARS	2,011	13 YEARS	637	30-34 YEARS	358
5 YEARS	1,665	14 YEARS	525	35-39 YEARS	199
6 YEARS	1,530	15 YEARS	502	40 YEARS AND OVER	145
7 YEARS	1,331	16 YEARS	448	UNKNOWN	234

TABLE 39

REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF CHILDREN AFFECTED: MISSOURI 1990

CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS
TOTAL	25,701	TWO CHILDREN	5,176	FIVE CHILDREN	85
NO CHILDREN	11,994	THREE CHILDREN	1,624	SIX CHILDREN	17
ONE CHILD	6,459	FOUR CHILDREN	338	SEVEN OR MORE	5

TABLE 40

REPORTED DISSOLUTIONS AND ANNULMENTS BY PETITIONER BY DISPOSITION OF CHILDREN
AND BY WHETHER CHILD SUPPORT AWARDED: MISSOURI 1990

CUSTODY GIVEN TO

PETITIONER	TOTAL	HUSBAND	WIFE	JOINT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,701	1,419	10,069	2,059	165	12,221	47
HUSBAND	8,752	944	2,299	815	74	4,708	18
WIFE	16,098	434	7,545	1,142	87	7,027	25
JOINT	477	32	137	82	0	234	0
OTHER	9	1	3	1	1	4	0
UNKNOWN	365	8	85	19	3	248	4

CHILD SUPPORT AWARDED TO:

PETITIONER	TOTAL	HUSBAND	WIFE	NO SUPPORT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,701	503	10,676	2,120	33	12,221	148
HUSBAND	8,752	345	2,613	1,029	11	4,708	46
WIFE	16,098	147	7,811	1,001	20	7,027	92
JOINT	477	8	165	68	1	234	1
OTHER	9	0	3	1	1	4	0
UNKNOWN	365	3	84	21	0	248	9

TABLE 41 REPORTED DISSOLUTIONS AND ANNULMENTS BY AGE OF WIFE BY AGE OF HUSBAND:MISSOURI 1990

AGE OF WIFE	AGE OF HUSBAND										UNKNOWN
	TOTAL	UNDER 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 AND OVER	
TOTAL	25,701	137	2,287	4,875	5,112	4,258	3,257	3,359	1,208	522	686
UNDER 20	507	80	337	60	7	6	4	1	0	0	12
20-24	3,622	43	1,552	1,502	348	81	27	13	3	0	53
25-29	5,561	10	288	2,559	1,827	520	168	72	9	2	106
30-34	4,962	0	55	478	2,158	1,450	497	212	26	2	84
35-39	3,982	1	10	127	486	1,704	1,099	442	57	7	49
40-44	2,791	1	5	37	117	321	1,130	996	116	17	51
45-54	2,432	0	1	7	35	83	249	1,416	500	87	54
55-64	693	0	0	1	2	7	11	106	400	152	14
65 AND OVER	305	0	0	0	2	0	1	9	47	231	15
UNKNOWN	846	2	39	104	130	86	71	92	50	24	248

TABLE 42 REPORTED DISSOLUTIONS AND ANNULMENTS BY RACE, WIFE BY HUSBAND: MISSOURI 1990

WIFE	HUSBAND				
	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	25,701	21,889	1,853	137	1,822
WHITE	21,914	21,659	112	65	78
BLACK	1,752	21	1,720	3	8
OTHER	192	117	8	67	0
UNKNOWN	1,843	92	13	2	1,736

TABLE 43A

REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1990

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE
STATE TOTAL	5,117,073	25,701	5.0	GRUNDY	10,536	58	5.5
ADAIR	24,577	81	3.3	HARRISON	8,469	36	4.3
ANDREW	14,632	97	6.6	HENRY	20,044	145	7.3
ATCHISON	7,457	34	4.6	HICKORY	7,335	43	5.9
AUDRAIN	23,599	111	4.7	HOLT	6,034	19	3.2
BARRY	27,547	75	2.7	HOWARD	9,631	41	4.3
BARTON	11,312	62	5.5	HOWELL	31,447	221	7.0
BATES	15,025	84	5.6	IRON	10,726	46	4.3
BENTON	13,859	51	3.7	JACKSON	633,232	3,359	5.3
BOLLINGER	10,619	40	3.8	JASPER	90,465	561	6.2
BOONE	112,379	557	5.0	JEFFERSON	171,380	817	4.8
BUCHANAN	83,083	462	5.6	JOHNSON	42,514	226	5.3
BUTLER	38,765	373	9.6	KNOX	4,482	19	4.3
CALDWELL	8,380	42	5.1	LACLEDE	27,158	194	7.2
CALLAWAY	32,809	154	4.7	LAFAYETTE	31,107	82	2.6
CAMDEN	27,495	158	5.8	LAWRENCE	30,236	101	3.3
CAPE GIRARDEAU	61,633	352	5.7	LEWIS	10,233	43	4.2
CARROLL	10,748	39	3.6	LINCOLN	28,892	135	4.7
CARTER	5,515	28	5.1	LINN	13,885	68	4.9
CASS	63,808	336	5.3	LIVINGSTON	14,592	65	4.5
CEDAR	12,093	67	5.6	MC DONALD	16,938	28	1.7
CHARITON	9,202	26	2.8	MACON	15,345	68	4.4
CHRISTIAN	32,644	234	7.2	MADISON	11,127	78	7.0
CLARK	7,547	57	7.6	MARIES	7,976	26	3.3
CLAY	153,411	762	5.0	MARION	27,682	157	5.7
CLINTON	16,595	70	4.2	MERCER	3,723	10	2.7
COLE	63,579	381	6.0	MILLER	20,700	119	5.7
COOPER	14,835	54	3.6	MISSISSIPPI	14,442	104	7.2
CRAWFORD	19,173	123	6.4	MONITEAU	12,298	50	4.1
DADE	7,449	32	4.3	MONROE	9,104	26	2.9
DALLAS	12,646	80	6.3	MONTGOMERY	11,355	61	5.4
DAVISS	7,865	30	3.8	MORGAN	15,574	75	4.8
DE KALB	9,967	27	2.7	NEW MADRID	20,928	117	5.6
DENT	13,702	81	5.9	NEWTON	44,445	178	4.0
DOUGLAS	11,876	64	5.4	NODAWAY	21,709	69	3.2
DUNKLIN	33,112	253	7.6	OREGON	9,470	30	3.2
FRANKLIN	80,603	453	5.6	OSAGE	12,018	19	1.6
GASCONADE	14,006	69	4.9	OZARK	8,598	59	6.9
GENTRY	6,848	15	2.2	PEMISCOT	21,921	140	6.4
GREENE	207,949	1,212	5.8	PERRY	16,648	62	3.7

TABLE 43A (CONT) REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1990

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE
PETTIS	35,437	210	5.9	SALINE	23,523	129	5.5
PHELPS	35,248	142	4.0	SCHUYLER	4,236	16	3.8
PIKE	15,969	69	4.3	SCOTLAND	4,822	22	4.6
PLATTE	57,867	366	6.3	SCOTT	39,376	306	7.8
POLK	21,826	112	5.1	SHANNON	7,613	34	4.5
PULASKI	41,307	200	4.8	SHELBY	6,942	35	5.1
PUTNAM	5,079	26	5.2	STODDARD	28,895	230	8.0
RALLS	8,476	43	5.1	STONE	19,078	125	6.6
RANDOLPH	24,370	144	5.9	SULLIVAN	6,326	25	4.0
RAY	21,971	133	6.1	TANEY	25,561	171	6.7
REYNOLDS	6,661	27	4.1	TEXAS	21,476	103	4.8
RIPLEY	12,303	96	7.8	VERNON	19,041	141	7.4
ST. CHARLES	212,907	1,137	5.3	WARREN	19,534	116	5.9
ST. CLAIR	8,457	49	5.8	WASHINGTON	20,380	84	4.1
ST. FRANCOIS	48,904	265	5.4	WAYNE	11,543	61	5.3
STE. GENEVIEVE	16,037	79	4.9	WEBSTER	23,753	121	5.1
ST. LOUIS CITY	396,685	1,343	3.4	WORTH	2,440	7	2.9
ST. LOUIS COUNTY	993,529	4,460	4.5	WRIGHT	16,758	93	5.6

TABLE 43B REPORTED DISSOLUTIONS AND ANNULMENTS WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1990

RPC'S	POPULATION	DISSOLUTIONS	RATE	RPC'S	POPULATION	DISSOLUTIONS	RATE
MAJOR METRO REGIONS				BOONSLICK	59,781	312	5.2
EAST-WEST GATEWAY	1,855,104	8,210	4.4	KAYSINGER BASIN	95,854	580	6.1
MID-AMERICA	930,289	4,956	5.3	SHOW-ME	109,058	518	4.8
MINOR METRO REGIONS				SOUTH CENTRAL OZARK	107,238	604	5.6
SOUTHWEST MISSOURI	408,689	2,263	5.5	MERAMEC	110,485	525	4.8
MID-MISSOURI	281,148	1,367	4.9	LAKE OF THE OZARKS	132,234	746	5.6
MO-KAN	124,277	656	5.3	SOUTHEAST MISSOURI	175,694	922	5.3
OZARK GATEWAY	163,160	829	5.1	BOOTHEEL	158,674	1,150	7.3
NONMETRO REGIONS				OZARK FOOTHILLS	74,787	585	7.8
NORTHWEST MISSOURI	44,488	144	3.2	MAJOR METRO TOTAL	2,785,393	13,166	4.7
GREEN HILLS	78,855	360	4.6	MINOR METRO TOTAL	977,274	5,115	5.2
MISSOURI VALLEY	43,473	194	4.5	NONMETRO TOTAL	1,354,406	7,420	5.5
NORTHEAST MISSOURI	45,664	195	4.3	STATE TOTAL	5,117,073	25,701	5.0
MARK TWAIN	118,121	585	5.0				

APPENDIX

RELIABILITY OF THE DATA

In analyzing any data, the fact of potential error in the data must not be overlooked. There are several types of errors possible including: underregistration, errors made by the informant, and errors in compiling and processing.

Probably, the most potentially dangerous error is that of improper interpretation. Statistics are neither more true nor false than the interpretation given to them. Particular caution must be made in analyzing trend data, for there have been changes over the years in medical diagnosis, coding definitions, and registration coverage. Most of the rates computed in this report are crude rates. In comparing geographic areas, crude rates are limited because they do not take into account the differences in age, sex, race, and other population characteristics. Care should also be taken in using rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Rates based on less than 20 events are very unstable.

VITAL RECORDS

Vital Statistics in Missouri are compiled from six basic records which are filed with the Department of Health by State Law. These records are: (1) live birth records, (2) death records, and (3) fetal death records each beginning with 1911; (4) marriage, and (5) divorce records, beginning with 1949; and (6) abortion records beginning in 1975.

Missouri cooperates with other states in the exchange of records for live births, fetal deaths, and deaths to include resident data events occurring to Missouri residents in other states. Missouri also has an arrangement with Kansas and Tennessee for the exchange of abortion data. Before 1984, Missouri received abortion records from Illinois, but Missouri no longer receives these records.

The data within this report represents the 1990 calendar year of events. Records have been accepted through April 19 of 1991 before cut-off, allowing 1990 events to be as complete as possible.

SOURCES

Except where noted, historical vital statistics data are taken from annual vital statistics reports of the Missouri Department of Health.

POPULATION

County population estimates used in this report are official U.S. Bureau of the Census counts of population for April 1, 1990. The source of the 1911-1969 state total estimates is the Bureau of the Census' P-25 series. 1971-1979 state estimates were obtained from the Bureau of the Census publication "Preliminary Intercensal Estimates of the Population of Counties." Age-sex specific population estimates were developed by the U.S. Bureau of the Census (also in the P-25 series). City population estimates also represent official 1990 Census counts.

RACE

The term "race" refers to the division of population into three groups, white, black, and other. Most tables in this report simply use two divisions, white and black because of the small numbers of persons from other races in Missouri. The race group designated as "other" consists of such races as American Indian, Japanese, Chinese, Filipino, Korean, Asian Indian and Malayan races.

Persons of Mexican birth or ancestry who are not definitely of Indian or other designated race are classified as white. Hispanic origin births are shown by race in Table 5A.

Beginning with the 1989 report, birth, fetal and infant death data is presented by race of mother. Before 1989, this data was presented by race of child. This change has been implemented to be consistent with the National Center for Health Statistics (NCHS), which is also implementing this change in 1989. Race of child had been computed by an algorithm based on race of mother and race of father. Persons of mixed parentage were classified according to the race of the nonwhite parent. Because of this rather arbitrary formula and the increasing proportion of out-of-wedlock births in which father's race is missing, it was decided by NCHS to implement this change to race of mother.

Appendix Table A below shows how this change affects infant death rates by race. Three sets of rates and ratios are presented. The first set shows the current method by race of mother and the second set shows the old method by race of child. Both of these use the 1989 death cohort, in which infant deaths occurring in 1989 are divided by births occurring in 1989. In fact, some of these births to 1989 infant deaths occurred in 1988. The third method using the birth cohort takes the births occurring in a given year (e.g., 1989) and matches any deaths that occur to them in the first year of life, even if they occurred in the following year, 1990. This is the preferred method, but takes longer to collect.

The infant death rates for blacks are consistently higher using race of mother than using race of child. The resulting black/white ratios are also consistently higher using race of mother. While the numerator (the number of black infant deaths) stays the same in both calculations, the denominator (the number of black live births) is lower by race of mother than by race of child. Comparing death cohort to birth cohort infant death rates and ratios by race of mother, differences are shown in both directions, ranging from 0.1 to 1.1 per 1000 live births.

In examining trends in infant death rates by race over time, it is important to use the same method throughout the time period compared. Therefore, it is not appropriate to compare black infant death rates by race of mother in 1989 to black infant death rates by race of child in 1988. The caveats relating to infant death rates by race over time also apply to other birth indicators such as low birth weight rates, out-of-wedlock teen birth rates, etc.

Appendix Table A
Resident Infant Death Rates per 1000 Live Births by
Race of Child, Race of Mother, Death Cohort vs. Birth Cohort:
Missouri 1980-1990

	DEATH COHORT						BIRTH COHORT		
	(1989 Annual Method) Race of Mother			(Pre-1989 Annual Method) Race of Child			(Matched Birth/Deaths) Race of Mother		
	White	Black	Black/White Ratio	White	Black	Black/White Ratio	White	Black	Black/White Ratio
1980	10.9	21.3	1.95	11.0	20.6	1.87	10.7	21.1	1.97
1981	11.5	19.5	1.70	11.6	18.9	1.63	11.3	20.2	1.79
1982	10.0	21.3	2.13	10.1	20.6	2.04	10.0	20.5	2.05
1983	9.1	19.7	2.16	9.2	19.1	2.08	8.8	20.2	2.30
1984	8.9	18.7	2.10	9.0	18.0	2.00	8.7	18.6	2.14
1985	9.0	17.2	1.91	9.0	16.7	1.86	8.9	17.7	1.99
1986	9.1	19.1	2.10	9.2	18.5	2.01	9.2	18.5	2.01
1987	8.8	18.2	2.07	8.9	17.5	1.97	8.7	18.2	2.09
1988	8.9	16.8	1.89	9.0	16.1	1.79	8.8	16.2	1.84
1989	8.5	17.3	2.04	8.6	16.6	1.93	8.3	17.9	2.16
1990	7.7	18.2	2.36	7.9	17.5	2.22	7.4	17.9	2.42

TERMS "RESIDENT" AND "RECORDED"

It is important to understand the significance of the terms "Resident" and "Recorded" when analyzing vital statistics.

"Resident" data are compiled for vital events that relate to persons residing in an area independent of where the events occurred. (A person is considered to be a resident of an area if he has resided there six months or more. An exception to this involves people dying in hospitals, nursing homes, or other institutions. In such cases, the usual place of residence before admission is reported. In the case of live births, fetal deaths, and infant deaths, the residence of the mother is considered to be the residence of the child.)

"Recorded" data are based on the number of vital events that occur in an area. These data are used to analyze events that might be affected by the place in which they occur.

Resident and recorded figures can neither be added nor subtracted from the other. Thus the number of events occurring or not occurring in the same geographic area where the people reside cannot be calculated from resident and recorded data.

UNKNOWNNS

Records classified as Missouri residents with unknown county of residence are included in the state totals of this publication. In annual vital statistics reports before 1979, these records were excluded from totals. The number of 1989 records with unknown county of residence by system is as follows:

Live Births.....	0
Fetal Deaths.....	0
Deaths.....	2
Abortions.....	41

The following imputations of unknowns were made in this report:

Unknown sex is considered male.
Unknown marital status is considered married.
Unknown live birth order is considered 1st.

RATES

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Live birth, death, natural increase, marriage, and dissolution rates are expressed in terms of 1,000 estimated midyear population. Infant, perinatal, fetal, neonatal, and post-neonatal death rates are stated per 1,000 live births.

Rates per 100 live births or percentages are used in Tables 7-10C for such rates as out-of-wedlock or low birth weight. In Table 10, unknowns are excluded in the calculation of percents when the percents are greater than 2 percent. These include: (1) crown heel less than 47 cm; (2) mother greater than 15 percent underweight; (3) mother greater than 20 percent overweight; (4) mother gained more than 20 pounds during pregnancy; (5) inadequate prenatal care; (6) mother Medicaid participant; (7) mother WIC participant; (8) mother Medicaid and WIC; and (9) mother Food Stamp recipient. For less than 18 months since last birth, the denominator excludes first births.

Total Fertility Rate (Graph B) refers to the average number of births a woman would have if a given set of age-specific birth rates applied throughout her reproductive years.

General Fertility Rate (Table 3) refers to the total number of live births per 1,000 women aged 15-44 for a given year.

Age-Specific Fertility Rate (Table 3) is the number of live births born to mothers of a given age per 1,000 females of that age group for a given year.

The **Abortion Ratio** is a ratio of abortions per 1,000 live births for a given year.

Crude Death Rate is defined as the total number of deaths of area residents for the year divided by the midyear population of the area multiplied by some constant. The constants used in this report are 100,000 for cause specific rates and deaths for all causes in Tables 19 and 27A and 1,000 for death rates in all other tables and graphs.

$$\text{Crude Death Rate} = \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1,000 \text{ or } 100,000$$

Age Specific Death Rate (Tables 4 and 21) is calculated in the same manner as the crude death rate except that both the number of deaths and the midyear population are restricted to a given age group.

$$\begin{aligned} \text{Age-Specific Death Rate} = \\ \text{For given age group:} \\ \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1,000 \end{aligned}$$

The **Age-Adjusted Death Rate** (Age-Adj Rate) is a weighted average of age-specific death rates. Comparison of areas or time periods using crude death rates can often be misleading, since these rates are affected by the age composition of the population. For example, a county may display a high crude death rate simply because it has an older population.

To control for these differences in age compositions, age-specific rates can be weighted according to a standard population. Such a calculation produces an age-adjusted rate. The age-adjusted rates shown in this report are calculated by the direct method with the following formula:

$$\text{Age-Adjusted Death Rate} = \sum M_a \times \frac{P_a}{P}$$

where

M_a	=	age-specific rate for given age group
P_a	=	standard population in given age group
P	=	total standard population

This report uses five-year age groupings with 1970 Missouri population as the standard. Each figure thus represents the rate that would have existed if the age-specific rates in question prevailed in a population whose age distribution is like that of Missouri in 1970. This serves to control for differences in age compositions and makes comparisons between areas or time periods more legitimate. It is important, however, not to compare age-adjusted death rates with other rates adjusted to different standard populations.

The **Abridged Life Tables** in this report (Table 29) are generated from a computer software package originally developed by the National Center for Health Statistics, and modified by the Missouri Center for Health Statistics. It uses the technique of "reference to a standard table." These tables are technically defined as "current life tables" since they are cross-sectional in nature. In other words, these tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means that the current life tables contained herein assume hypothetical cohorts subject throughout their lifetimes to the age-specific mortality rates prevailing for the year of this report.

The term "abridged" indicates that the age interval used in the tables are five-year age groupings rather than single years of age.

CAUSE OF DEATH CLASSIFICATION

Cause of death data are displayed by the underlying cause. The underlying cause of death is defined as the disease or injury which initiated the train of morbid events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

The causes of death presented here are classified in accordance with the Ninth Revision of the International Classification of Diseases (ICD-9), 1975; World Health Organization. This revision has been used to classify deaths occurring on or after January 1, 1979. Comparisons with data from earlier years must be done with caution, since these were classified under different coding schemes. Consequently, certain diseases may show changes in their trends as a result of changes in definitions. For a general measure of the extent of these changes between the eighth and ninth revisions, consult "Estimates of Selected Comparability Ratios Based on a Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," *Monthly Vital Statistics Report*, National Center for Health Statistics, Volume 28, Number 11, Supplement (February 29, 1980).

The specific causes of death in this report are shown in groupings of 34 causes. In those tables presenting leading causes of death, the rankings are based on a further consolidation of these 34 causes. These causes are listed below with their ICD-9 codes. Those used for ranking purposes are noted with an asterisk.

Causes of Death	ICD-9 Codes
*Tuberculosis.....	010-018
*AIDS	042-044
*Syphilis	090-097
Residual of Infectious & Parasitic Diseases	001-009, 020-088, 098-139
*Malignant Neoplasms	140-208
Digestive Organs	150-159
Respiratory Organs.....	160-165
Breast.....	174-175
Genital Organs.....	179-187
Urinary Organs.....	188-189
Leukemia.....	204-208
Other Malignant Neoplasms.....	140-149, 170-173, 190-203
*Diabetes Mellitus.....	250
Major Cardiovascular Disease.....	390-448
*Diseases of the Heart	390-398, 402, 404-429
Rheumatic Fever & Rheumatic Heart Disease	390-398
Hypertensive Heart.....	402, 404
Ischemic Heart.....	410-414
Other Heart Disease.....	415-429
*Hypertension.....	401, 403
*Cerebrovascular Disease	430-438
*Atherosclerosis.....	440
Other Major Cardiovascular.....	441-448
*Pneumonia & Influenza	480-487
*Chronic Pulmonary Disease	490-496
*Ulcer of Stomach.....	531-533
*Liver Disease & Cirrhosis	571

Causes of Death**ICD-9 Codes**

*Nephritis & Nephrosis.....	580-589
*Complications of Pregnancy, Childbirth & Puerperium.....	630-676
*Congenital Anomalies	740-759
*Diseases of Early Infancy	760-779
Symptoms & Ill-Def. Cond.....	780-799
All Other Diseases	Residual
*Accidental Deaths	800-949
Motor Vehicle	810-825
Other Accidental Deaths	800-807, 826-949
*Suicide.....	950-959
*Homicide & Legal Intervention	960-978
All Other External Causes.....	980-999

MEDICAL CONDITIONS ON BIRTH RECORDS

Table 5B presents selected medical conditions reported on the birth certificate by means of a check-off box system. Before 1989, medical conditions on the birth certificate were reported by open-ended questions. It is believed that the check-off box generally increases reporting. A study done by the Missouri Center for Health Statistics found that medical risk factors increased by 50 percent, labor or delivery complications by 30 percent, and congenital anomaly reporting nearly doubled in the first half of 1989 compared with 1988. See *Missouri Monthly Vital Statistics Report*, Nov. 1989, Vol. 23, No. 9 for more details.

ADDITIONAL DEFINITIONS

Apgar Score — An international code ranging from 0 to 10 used to measure the health of an infant at one minute and five minutes after birth. Items used to derive the score are heart rate, respiratory effort, muscle tone, reflex irritability and color. A score below eight implies a moderately or severely depressed condition. The score used in Table 10 is taken at five minutes after birth. Caution should be used in interpreting patterns of low Apgar scores by area because of a possible subjective bias in assigning scores. Different medical personnel may assign different scores to the same child.

Birth Order — Number of previous pregnancies plus one.

Crown Heel — Length of the baby at birth in centimeters.

Fetal Death — Death taking place at 20 weeks gestation or later and before birth.

GT 15 Percent Underweight/GT 20 Percent Overweight — If the mother's prepregnancy weight is greater than 15 percent below or 20 percent above the desired weight for her height according to the 1959 Metropolitan Life Insurance tables.

Inadequate Prenatal Care — Fewer than five prenatal visits for pregnancies less than 37 weeks, fewer than eight visits for pregnancies 37 weeks or longer or care beginning after the first four months of pregnancy. Before 1982, records with unknown prenatal care or unknown length of pregnancy were excluded. Beginning in 1982, if adequacy of prenatal care could be determined even if length of pregnancy was unknown, then these records were included.

Infant Death — Baby dying during the first year of life.

Infant Transfer — Infant transferred to another facility after delivery.

Less than 37 Weeks' Gestation — Length of pregnancy less than 37 weeks based on date of last normal menses unless this calculation is less than 17 weeks, more than 44 weeks, or unknown. In these cases, the clinical estimate of gestation is used.

Live Birth Order — Number of previous babies born alive now living plus one.

Low Birth Weight — Less than 2500 grams or five and one-half pounds.

Maternal Death — Mother dying as a result of complications of pregnancy, childbirth and puerperium (ICD-9 codes 630-676).

Maternal Transfer — Mother transferred from another facility prior to delivery.

Natural Increase — Resident live births minus resident deaths.

Neonatal Death — Baby dying during first 27 days of life.

Out-of-Wedlock Birth — Birth involving mother who was unmarried at time of conception, at time of birth, and throughout time between conception and birth.

Perinatal Death — Fetal or neonatal death.

Postneonatal Death — Death occurring after 27th day of life and before one year.

Teen-age Pregnancy — Live birth, fetal death or abortion occurring to a woman under 20 years of age.

Additional information about the Missouri birth and death data systems may be found in *User Manual for Live Birth/Fetal Death Data System* — MCHS publication No. 4.15, *User Manual for Death Data System* — MCHS publication No. 4.18, and *Birth and Death Appendix Tables*, MCHS publication No. 4.16.

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